

**NEWFIELD**



August 12, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 6-24-9-15, 9-27-9-15, 10-27-9-15, 11-27-9-15, 13-27-9-15, 14-27-9-15, 15-27-9-15, and 16-27-9-15. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 10-27, 13-27, and 15-27 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**

**AUG 19 2005**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

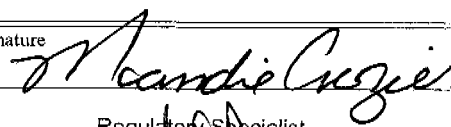
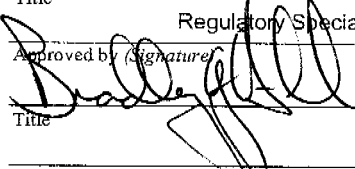
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66185
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 9-27-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-32875
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2011' FSL 463' FEL 567467X 40.00020 At proposed prod. zone 4427869Y 110.20964		10. Field and Pool, or Exploratory <del>Monument</del> <u>undesignated</u>
11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 27, T9S R15E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 19.1 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1949' f/ls. 4577' f/unit	16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1548'	19. Proposed Depth 5975'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6574' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/12/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 08-25-05
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action Is Necessary

RECEIVED

AUG 19 2005

DIV. OF OIL, GAS & MINING

Marked Stone  
& Rebar

**T9S, R15E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT 9-27,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 27, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



Old Indian Treaty Boundary

S3°03'W - 80.00' (G.L.O.)  
S03°29'20"W - 5267.18' (Measured from Milestone 32 to 31)

Set 5/8" Rebar  
at Cedar Post  
Marked MM32

Sec. 33 160.62'

Sec. 4 1999  
Aluminum  
Cap 443.44'

cc

1910 S89°57'19"W - 2512.41' (Meas. to c.c.)  
Brass Cap 2514.58' (Meas. to True Corner)

N89°59'06"W - 2640.60' (Meas.)  
WEST - 78.30' (G.L.O.)

WEST - 73.26' (G.L.O.) 2638.99' (Measured)

WEST G.L.O. (Basis of Bearings)

1910  
Brass Cap

1910  
Brass Cap

1910  
Brass Cap

Lot 1

**WELL LOCATION:  
ASHLEY UNIT 9-27**

ELEV. UNGRADED GROUND = 6574.3'

Lot 2

**27**

Lot 3

Lot 4

DRILLING  
WINDOW

200'

463'

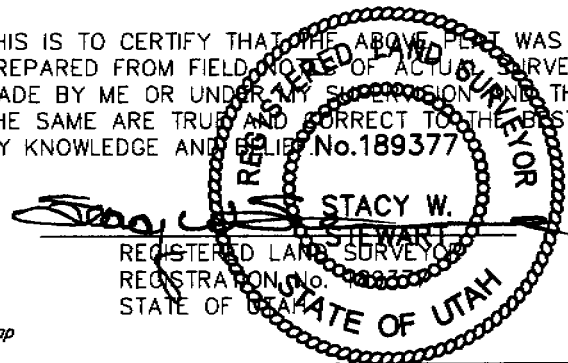
2011'

N00°00'38"W - 5284.70' (Meas.)

N0°01'W (G.L.O.)

1910  
Brass Cap

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000' SURVEYED BY: D.P.

DATE: 7-26-05 DRAWN BY: F.T.M.

NOTES: FILE #

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #9-27-9-15  
*NE/SE* ~~SE~~ SECTION 27, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2550'
Green River	2550'
Wasatch	5975'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2550' - 5975' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #9-27-9-15  
NE/SE SECTION 27, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #9-27-9-15 located in the NE 1/4 SE 1/4 Section 27, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 13.1 miles  $\pm$  to it's junction with an existing two track road to be upgraded; proceed southwesterly - 5,240'  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road 8,640'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Ashley Federal #9-27-9-15 Newfield Production Company requests 8640' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2460' of disturbed area be granted in Lease UTU-027345, and 11,770' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-02458, 2460' of disturbed area be granted in Lease UTU-027345, and 8250' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

### Threatened, Endangered, And Other Sensitive Species

**Elk and Deer winter range:** No new construction or surface disturbing activities will be allowed Dec. 1<sup>st</sup> and April 30<sup>th</sup>.

### Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Fourwing Saltbush	<i>Atriplex Canescens</i>	4 lbs/acre
Bearded Bluebunch Wheatgrass	<i>Agropyron Spicatum</i>	4 lbs/acre
Blue Flax	<i>Linum Perenne</i>	3 lbs /acre
Black Sage	<i>Artemisia Nova</i>	1 lbs /acre

### Details of the On-Site Inspection

The proposed Ashley Federal #9-27-9-15 was on-sited on 6/8/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Amy Torres (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

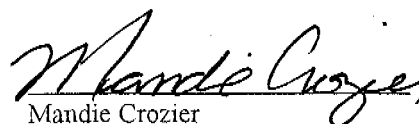
#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-27-9-15 NE/SE Section 27, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/12/05

Date

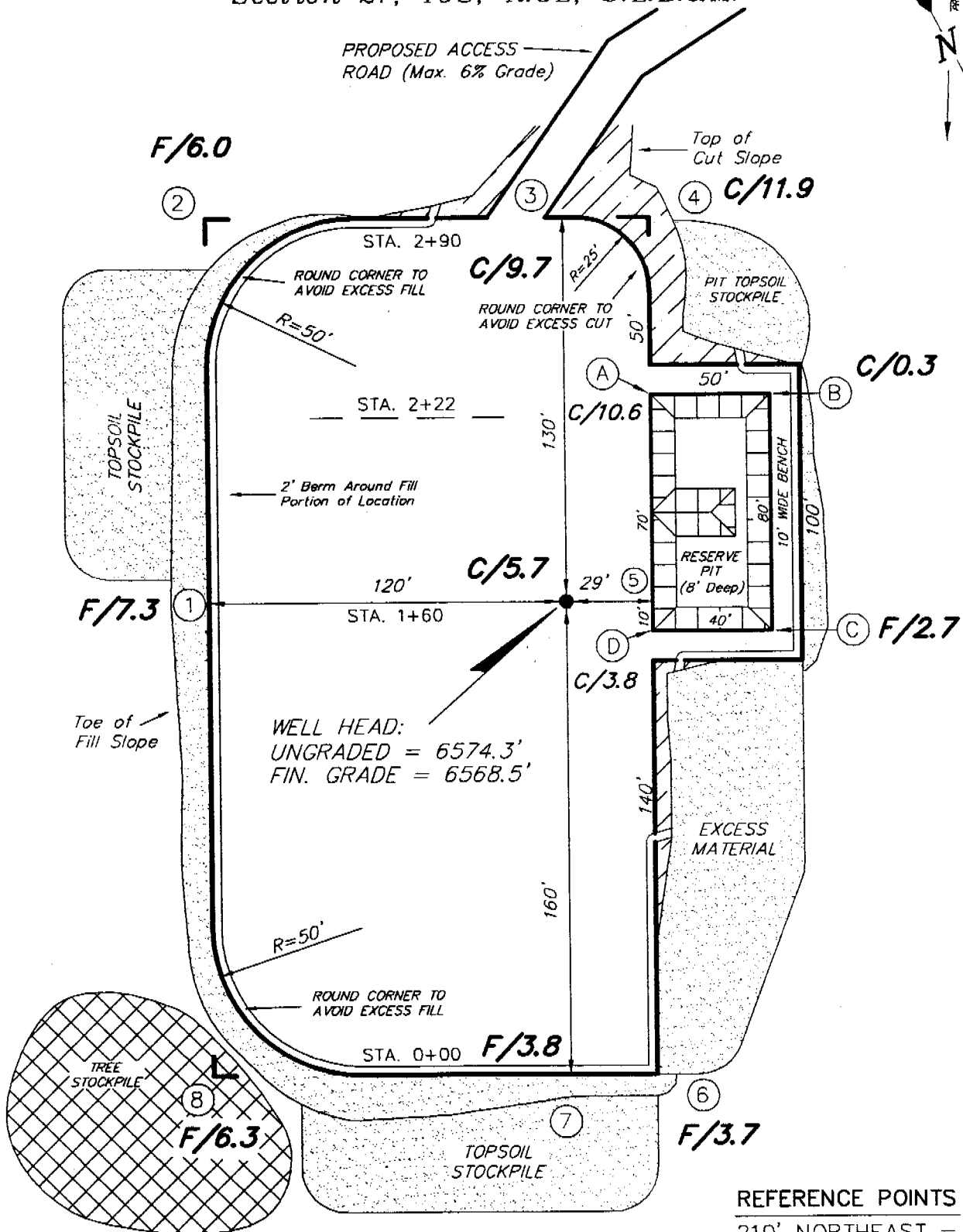


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 9-27

Section 27, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

210' NORTHEAST = 6556.2'  
260' NORTHEAST = 6550.5'  
170' SOUTHEAST = 6556.3'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

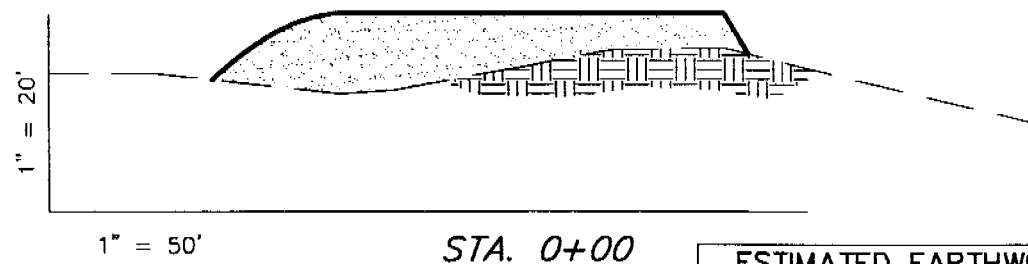
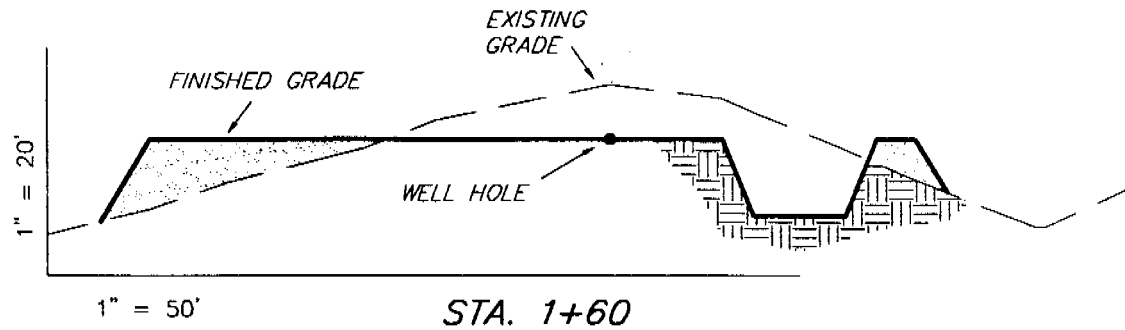
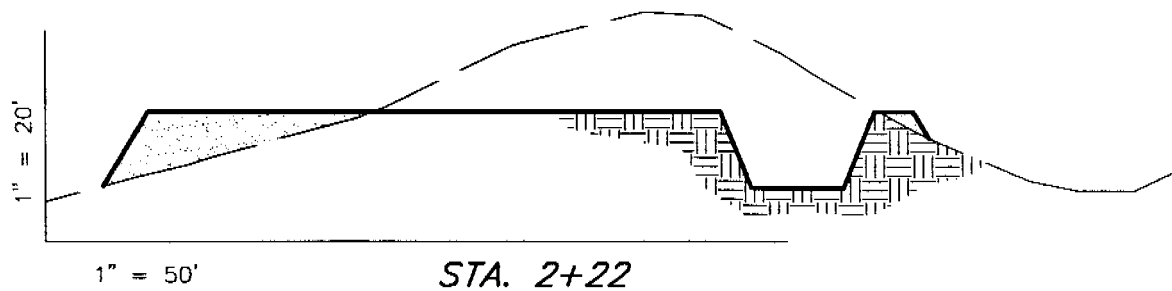
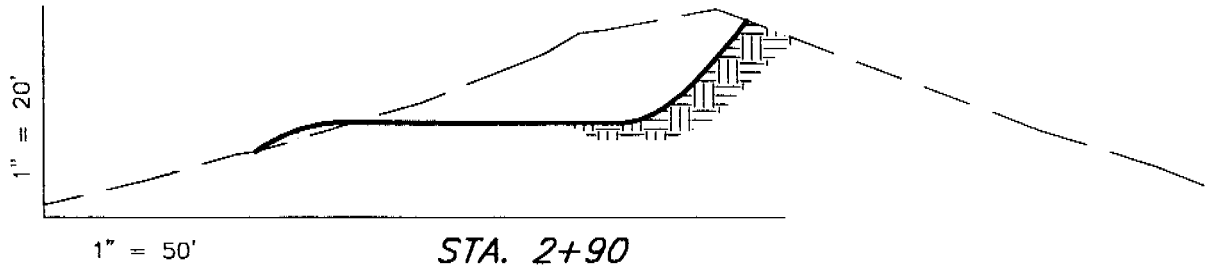
DATE: 7-26-05

**Tri State**  
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

**NEWFIELD PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT 9-27**



NOTE:  
 UNLESS OTHERWISE NOTED  
 ALL CUT/FILL SLOPES ARE  
 AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**  
 (No Shrink or swell adjustments have been used)  
 (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,810	3,810	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,450	3,810	1,020	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

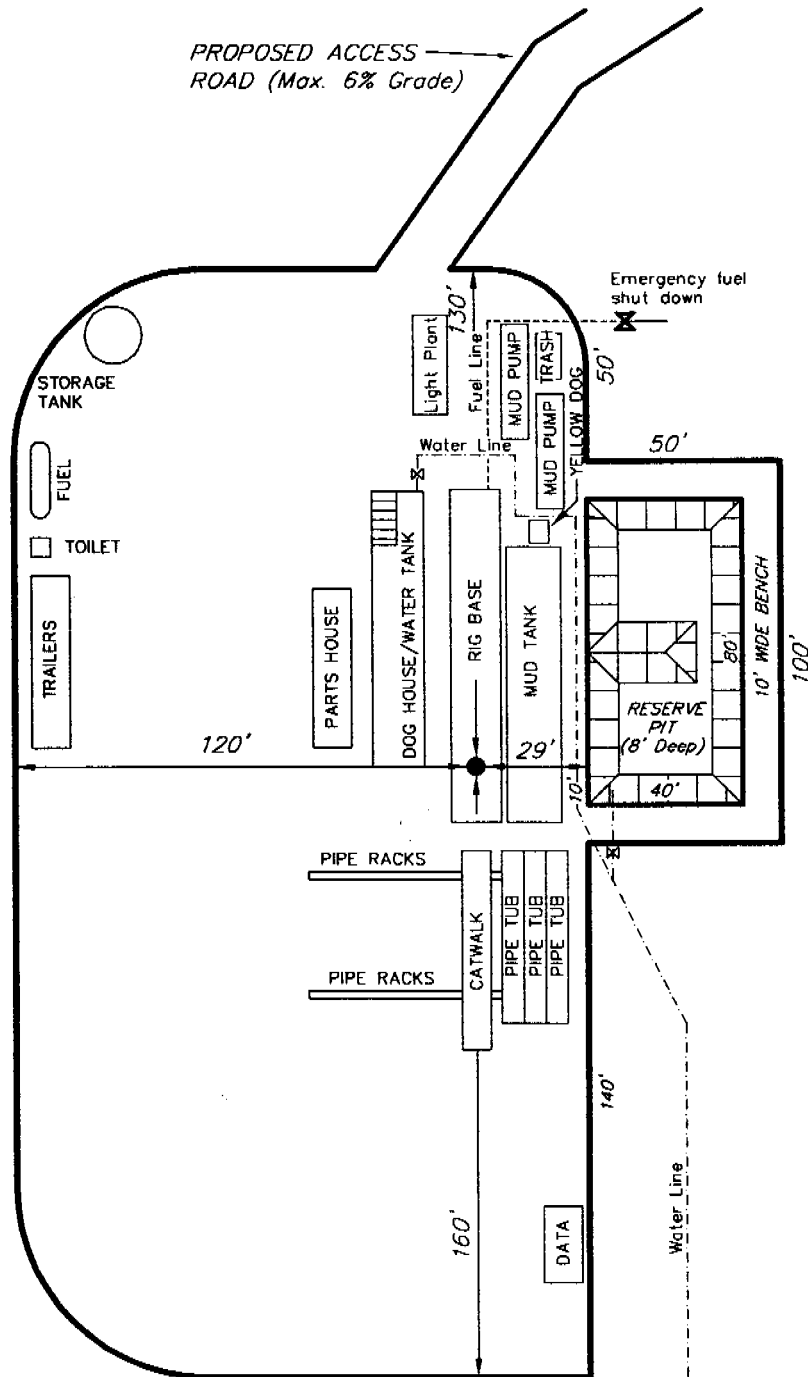
DATE: 7-26-05

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 9-27



SURVEYED BY: D.P.

SCALE: 1" = 50'

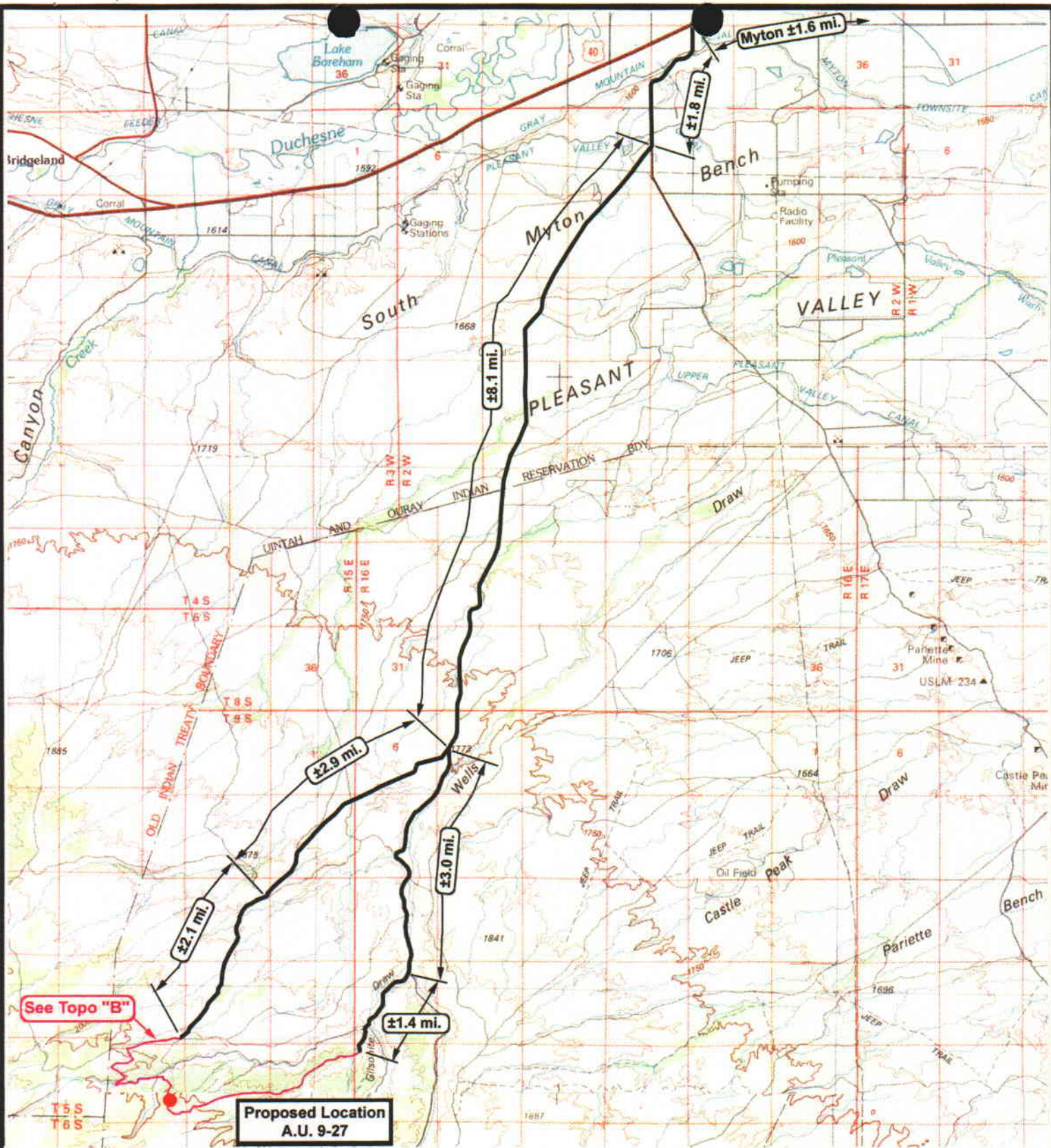
DRAWN BY: F.T.M.

DATE: 7-26-05

(435) 781-2501

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078





**NEWFIELD**  
Exploration Company

**Ashley Unit 9-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

DATE: 07-29-2005

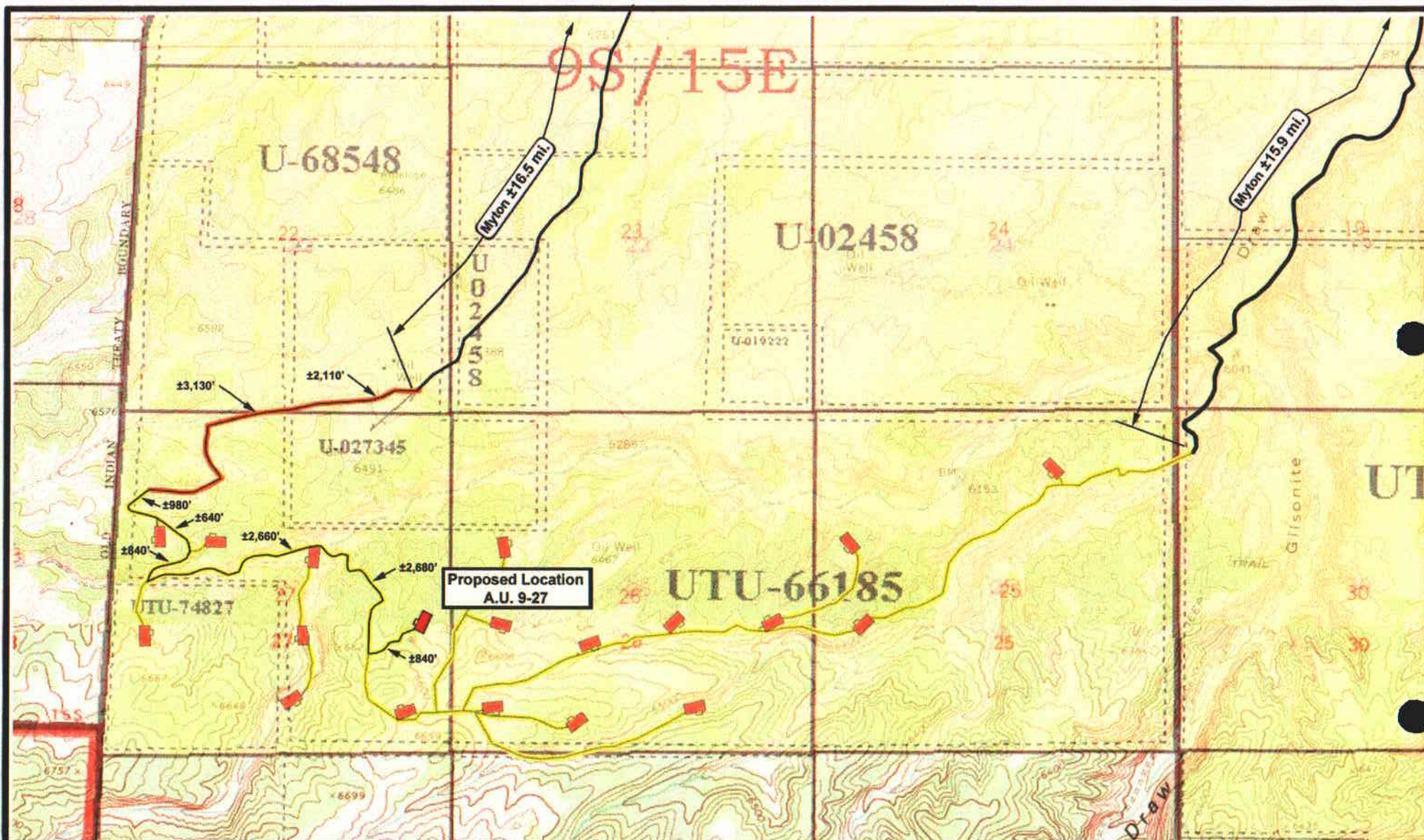
**Legend**

Existing Road  
 Proposed Access

TOPOGRAPHIC MAP

**"A"**





**NEWFIELD**  
Exploration Company

**Ashley Unit 9-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 07-29-2005

**Legend**

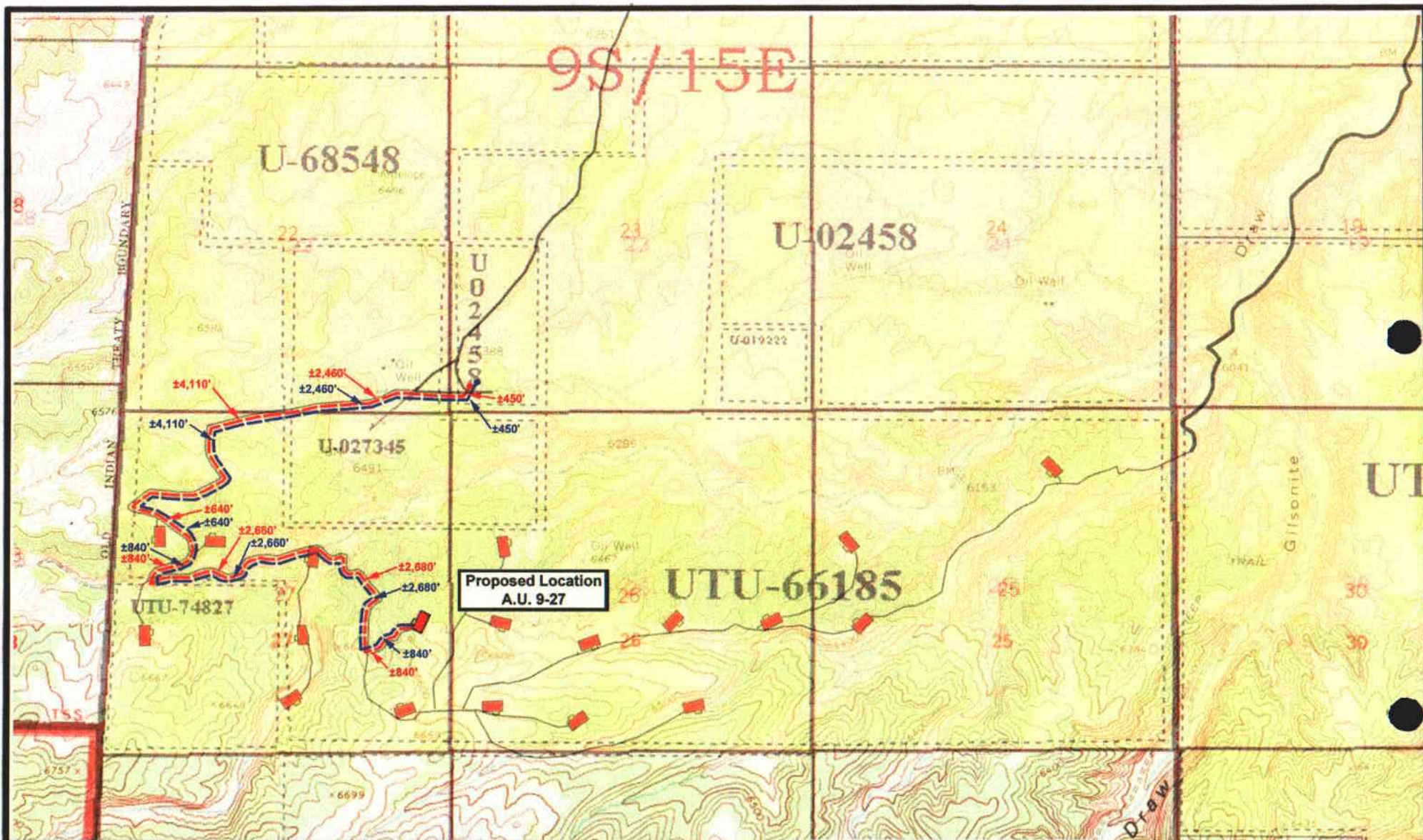
Existing Road

Proposed Access

Upgraded Access

**"B"**





**NEWFIELD**  
Exploration Company

**Ashley Unit 9-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**

**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

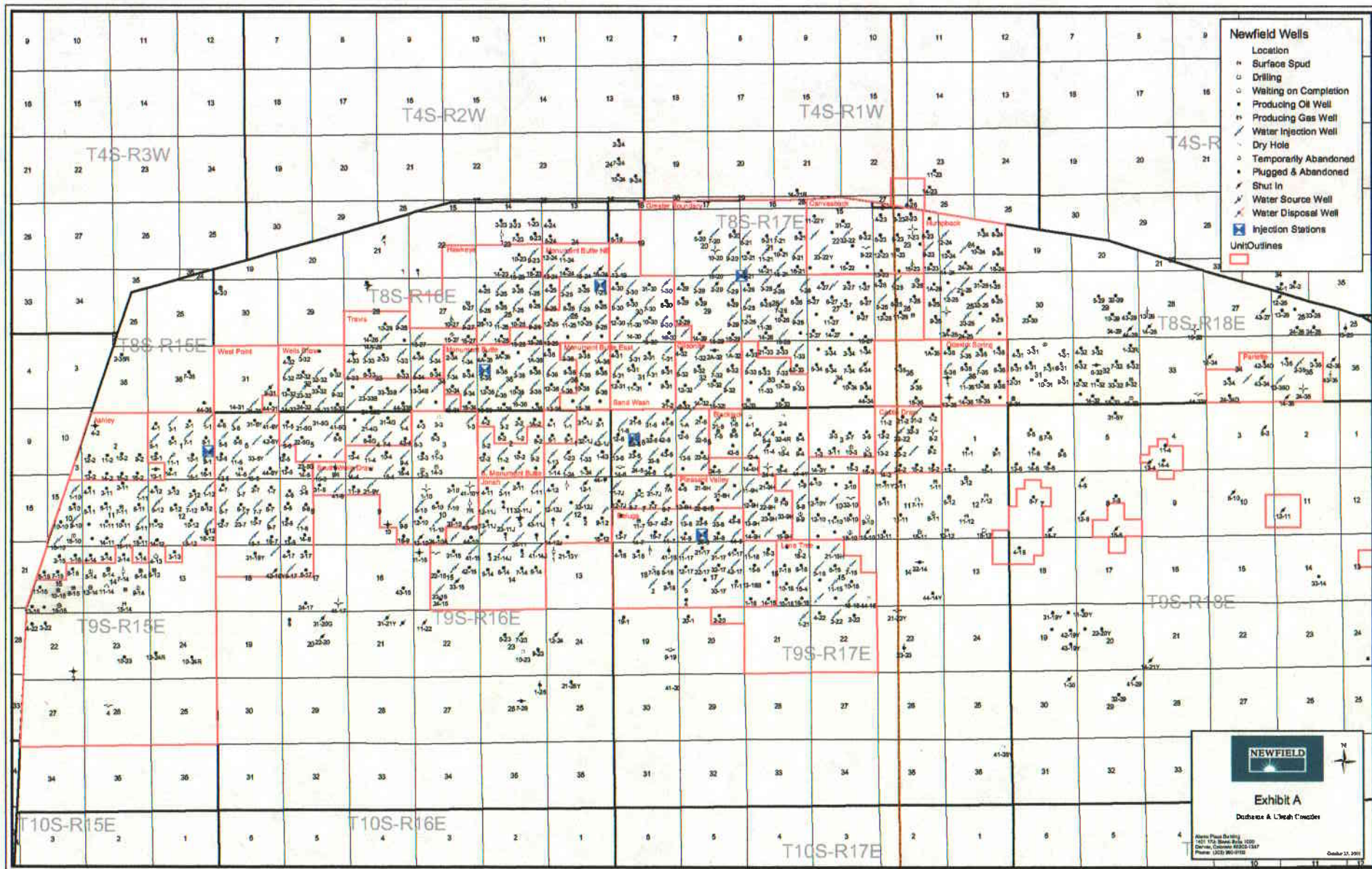
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 07-29-2005

**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

**"C"**









**U-68548**

**Proposed Location**  
**A.U. 9-27**


UTU-63593



**NEWFIELD**  
Exploration Company

**Ashley Unit 9-27-9-15**  
**SEC. 27, T9S, R15E, S.L.B.&M.**



 (435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 07-29-2005

**Legend**

-  **Proposed Location**  
 **One-Mile Radius**

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

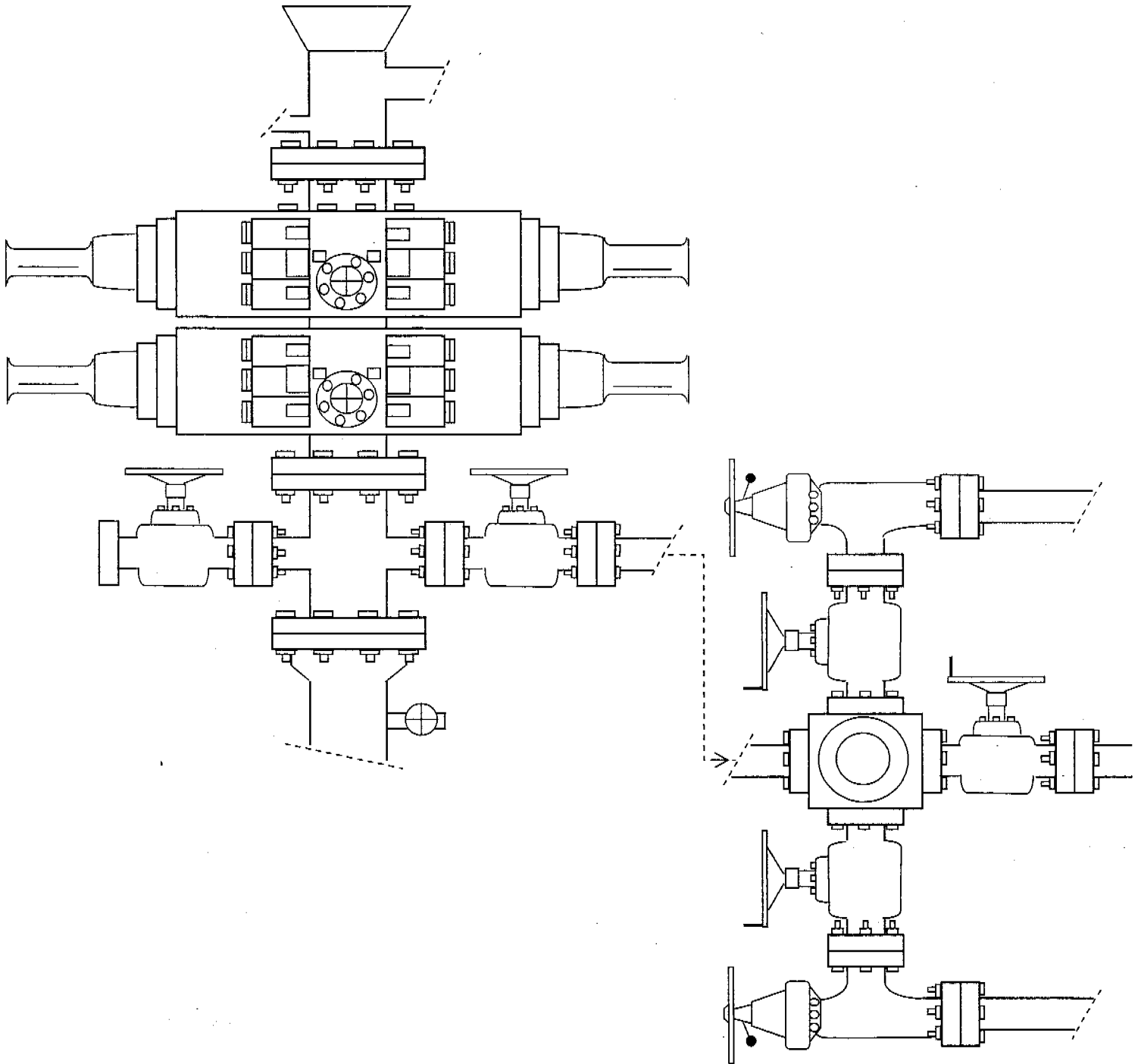


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL  
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST  
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

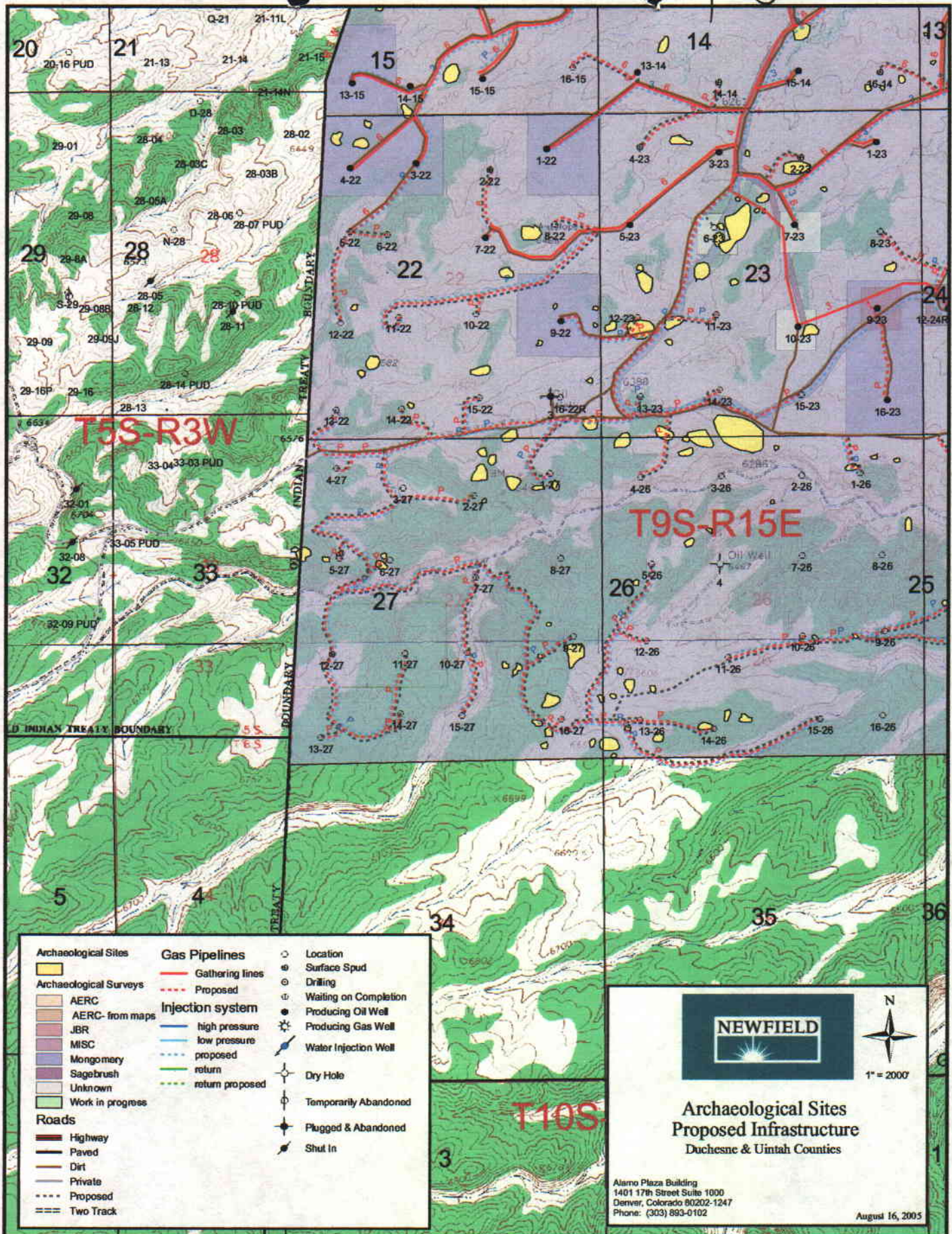
MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1417b







**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & UTAH COUNTIES, UTAH**

Section 13, T 9 S, R 16 E [excluding NW 1/4];  
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];  
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

**REPORT OF SURVEY**

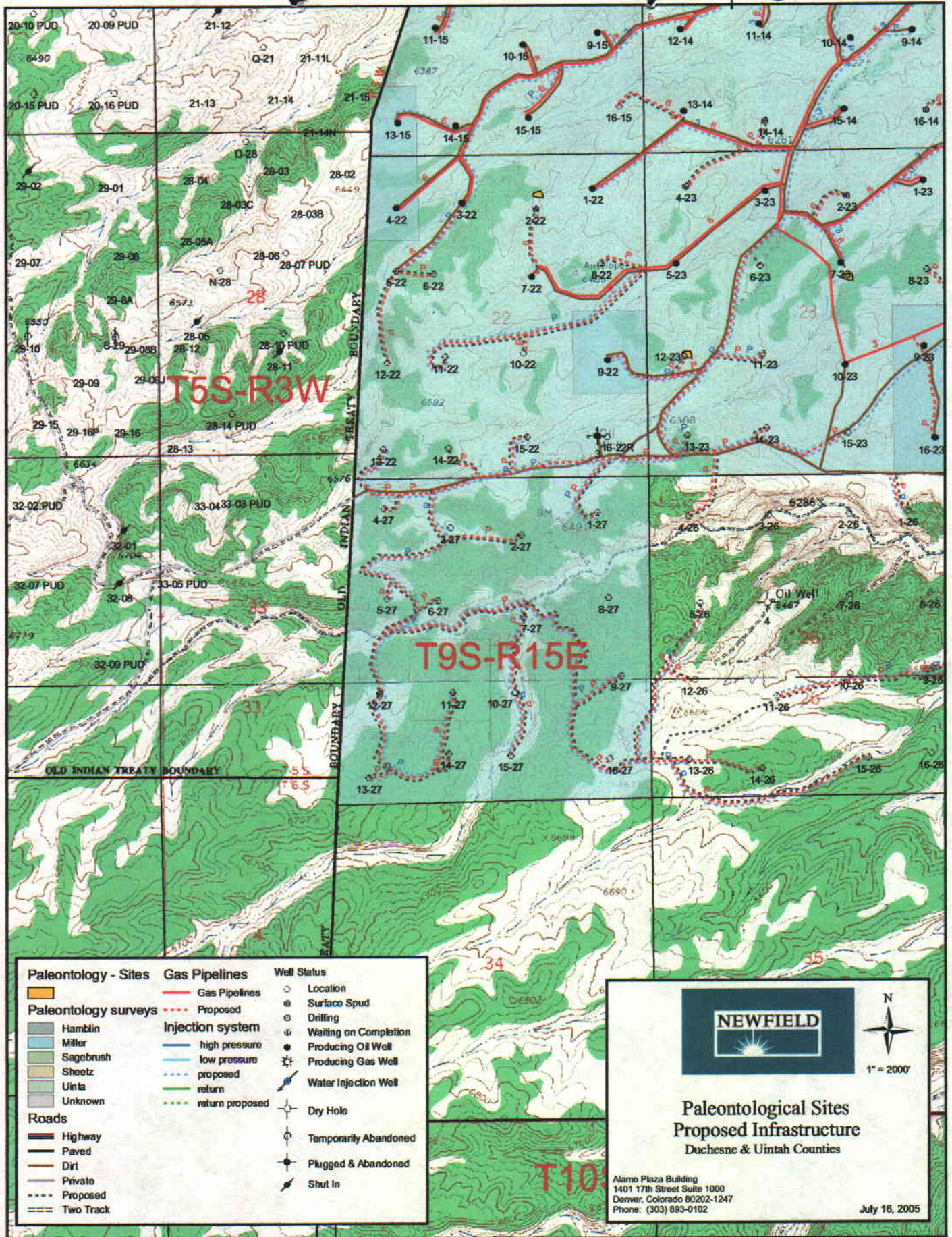
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004







**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/19/2005

API NO. ASSIGNED: 43-013-32875

WELL NAME: ASHLEY FED 9-27-9-15

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

NESE 27 090S 150E

SURFACE: 2011 FSL 0463 FEL

BOTTOM: 2011 FSL 0463 FEL

DUCHESNE

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU--66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.00020

LONGITUDE: -110.2096

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

☒ R649-2-3.  
Unit ASHLEY  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting  
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160  
(UT-922)

August 25, 2005

**Memorandum**

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32875	Ashley Federal	9-27-9-15 Sec 27 T09S R15E 2011 FSL 0463 FEL
43-013-32876	Ashley Federal	10-27-9-15 Sec 27 T09S R15E 1779 FSL 2202 FEL
43-013-32877	Ashley Federal	11-27-9-15 Sec 27 T09S R15E 1797 FSL 1817 FWL
43-013-32878	Ashley Federal	13-27-9-15 Sec 27 T09S R15E 0438 FSL 0510 FWL
43-013-32879	Ashley Federal	14-27-9-15 Sec 27 T09S R15E 0801 FSL 1799 FWL
43-013-32880	Ashley Federal	15-27-9-15 Sec 27 T09S R15E 0751 FSL 2288 FEL
43-013-32881	Ashley Federal	16-27-9-15 Sec 27 T09S R15E 0660 FSL 0660 FEL
43-013-32874	Ashley Federal	6-24-9-15 Sec 24 T09S R15E 1913 FNL 2076 FWL

Our records indicate the Ashley Federal 13-27-9-15 is closer than 460 feet from the Ashley Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 25, 2005

Newfield Production Company  
Rt. 3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 9-27-9-15 Well, 2011' FSL, 463' FEL, NE SE,  
Sec. 27, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32875.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company  
Well Name & Number Ashley Federal 9-27-9-15  
API Number: 43-013-32875  
Lease: UTU-66185

Location: NE SE                      Sec. 27                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 19 2005

BLM VERNAL UTAH

Form 3160-3  
(September 2001)

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66185
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Ashley Federal 9-27-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2011' FSL 463' FEL At proposed prod. zone		9. API Well No. 43-013-32875
14. Distance in miles and direction from nearest town or post office* Approximatley 19.1 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1949' f/line, 4577' f/unit	16. No. of Acres in lease 2,286.43	11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 27, T9S R15E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1548'	19. Proposed Depth 5975'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6574' GL	20. BLM/BIA Bond No. on file UT0056	13. State UT
22. Approximate date work will start* 1st Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/12/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Howard B. Leung	Date 05/08/2006
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining

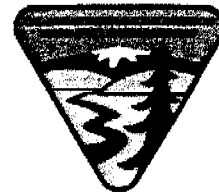
MAY 17 2006

FOR RECORD ONLY



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>NESE, Sec. 27, T9S, R15E</b>
<b>Well No:</b>	<b>Ashley Federal 9-27-9-15</b>	<b>Lease No:</b>	<b>UTU-66185</b>
<b>API No:</b>	<b>43-013-32875</b>	<b>Agreement:</b>	<b>Ashley Unit</b>

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
<b>After hours contact number: (435) 781-4513</b>		<b>FAX: (435) 781-4410</b>	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Chris Carusona)            | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Chris Carusona)              | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**CONSTRUCTION AND OPERATION**

**Federal 9-27-9-15:**

- Call if paleontological resources are found.
- No drilling or construction from February 1 through May 15 to protect nesting Great-horned owls.
- Crucial Deer and Elk Winter Range - No surface use December 1 through April 30.

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator will need to submit a proposal to control erosion to the BLM.

The reserve pit will be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).



Actions to insure oil floating on water does not pose a hazard to wildlife will be implemented. Fluid hydrocarbons within the reserve pit will be promptly removed and disposed of in accordance with State Law.

Prevent fill and stock piles from entering drainages.

**CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

All well facilities not regulated by OSHA will be painted Olive Black.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseedling.

Noxious weeds and any undesirable plants, as determined by the BLM, will be controlled by the operator. The operator will submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

Interim Reclamation (see below):

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
- Interim Reclamation Seed Mix for location:

• Galleta grass	<i>Hilaria jamesii</i>	15 lbs/acre
• Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
▪ Per Live Seed Total		21 lbs/acre
- Certified weed free seed and straw will be used for final and interim reclamation. The operator will submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve

pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.

- There shall be no primary or secondary noxious weeds in the seed mixture.
- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

### COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within six (6) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix will be designated at the time the sundry is approved.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

The cut and fill slopes will be recontoured to original contours. The entire disturbed area will then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence will remain in place. It will be removed prior to approval of final abandonment.

## **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 9-27-9-15

Api No: 43-013-3<sup>2</sup>875 Lease Type: FEDERAL

Section 27 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### SPUDDED:

Date 06/23/06

Time 10:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 06/26/2006 Signed CHD



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
WYTON, UT 84052

OPERATOR ACCT. NO. N2685

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15461	43-013-32880	ASHLEY FEDERAL 15-27-9-15	SWSE	27	9S	15E	DUCHESNE	06/21/06	6/29/06
WELL 1 COMMENTS: GRUV											
A	9999	15462	43-013-32884	ASHLEY FEDERAL 4-25-9-15	NWNW	25	9S	15E	DUCHESNE	6/22/06	6/29/06
GRUV											
A	99999	15463	43-013-32875	ASHLEY FEDERAL 9-27-9-15	NESE	27	9S	15E	DUCHESNE	06/24/06	6/29/06
GRUV											
A	9999	15464	43-013-32881	ASHLEY FEDERAL 16-27-9-15	SESE	27	9S	15E	DUCHESNE	06/27/06	6/29/06
GRUV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
JUN 28 2006

DIV. OF OIL, GAS & MINING

*Lana Nebeker*  
Lana Nebeker  
Production Clerk  
June 28, 2006  
Title Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2011 FSL 463 FEL

SESE Section 27 T9S R15E

5. Lease Serial No.

UTU-66135

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY 9-27-9-15

9. API Well No.

4301332875

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED  
AUG 24 2006  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and  
correct (Printed/Typed)

Title

Regulatory Specialist

Mandie Crozier

Signature

Date

08/22/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2011 FSL 463 FEL  
SESE Section 27 T9S R15E

5. Lease Serial No.

UPL-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA A

8. Well Name and No.  
ASHLEY 9-27-9-15

9. API Well No.  
4301332875

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

COPY SENT TO OPERATOR  
Date: 10-11-06  
Initials: km

RECEIVED  
AUG 24 2006  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/Typed)

Title

Regulatory Specialist

Date

08/22/2006

Signature

Mandie Crozier

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

By:

08/24/06  
[Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

44-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY 9-27-9-15

9. API Well No.

4301332875

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2011 FSL 463 FEL

NESE Section 27 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

**TYPE OF ACTION**

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Acidize       | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off         |
| <input type="checkbox"/> Alter Casing  | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation              | <input type="checkbox"/> Well Integrity         |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete               | <input checked="" type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans  | <input type="checkbox"/> Plug & Abandon   | <input type="checkbox"/> Temporarily Abandon      | Weekly Status Report                            |
| <input type="checkbox"/> Convert to    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/28/06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5975'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5960.5' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 500 sks cement mixed @ 14.4 ppg & 1.24 yld. With 2 bbls cement returned to pit. Nipple down Bop's. Drop slips @80,000 #'s tension. Release rig 2:30 AM 8/3/06

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Johnny Davis

Signature

*Johnny Davis*

Title

Drilling Foreman

Date

08/03/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

AUG 08 2006

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

LAST CASING 8 5/8" SET / 304.87  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5975 LOGGER \_\_\_\_\_  
 HOLE SIZE 7 7/8"

5 1/2" CASING SET AT 5960.5  
 Flt cllr @ \_\_\_\_\_  
 OPERATOR Newfield Production Company  
 WELL Ashley Federal 9-27-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI #1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		6.01 short jt @ 4003'					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5902.88
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.37
		<b>GUIDE</b> shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5962.5
TOTAL LENGTH OF STRING	5962.5	136	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	131.36	3	CASING SET DEPTH	<b>5960.5</b>

TOTAL	6078.61	139	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	6591.6	142	
TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.			GOOD CIRC THRU JOB _____
CSG. IN HOLE			Bbls CMT CIRC TO SURFACE _____
BEGIN CIRC			RECIPROCATED PIPE FOR _____ THRUSTROKE No _____
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ? _____
BEGIN DSPL. CMT			BUMPED PLUG TO _____ PSI
PLUG DOWN			

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	325	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE

*Johnny Davis*

DATE

*8/3/06*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER

Utu-166185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

ASHLEY PA A

8. WELL NAME and NUMBER

ASHLEY 9-27-9-15

9. API NUMBER

4301332875

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2011 FSL 463 FEL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE, 27, T9S, R15E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  10/12/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 08/11/06 - 08/22/06

Subject well had completion procedures initiated in the Green River formation on 08-11-06 without the use of a service rig over the well. A cement bond log was run and a total of one Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (4922'-4946'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 08-19-2006. Bridge plugs were drilled out and well was cleaned to 5910'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 08-22-2006.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 10-12-2006

(This space for State use only)

RECEIVED

OCT 19 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK				7. UNIT AGREEMENT NAME	
	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____	Ashley
1b. TYPE OF WELL				8. FARM OR LEASE NAME, WELL NO.	
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF RESVR. <input type="checkbox"/>	Ashley Federal 9-27-9-15
				Other _____	

2. NAME OF OPERATOR	Newfield Exploration Company	9. WELL NO.	43-013-32875
---------------------	------------------------------	-------------	--------------

3. ADDRESS AND TELEPHONE NO.	10. FIELD AND POOL OR WILDCAT
1401 17th St. Suite 1000 Denver, CO 80202	Monument Butte

<p>4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*</p> <p>At Surface                                      2011' FSL &amp; 463' FEL (NE/SE) Sec. 27, T9S, R15E</p> <p>At top prod. interval reported below</p>	<p>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</p> <p>Sec. 27, T9S, R15E</p>
--	--

At total depth	14. API NO. 43-013-32875	DATE ISSUED 8/25/05	12. COUNTY OR PARISH Duchesne	13. STATE UT
----------------	-----------------------------	------------------------	----------------------------------	-----------------

15. DATE SPUDDED 06/24/06	16. DATE T.D. REACHED 08/02/06	17. DATE COMPL. (Ready to prod.) 08/21/06	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6574' 6586' KB	19. ELEV. CASINGHEAD
------------------------------	-----------------------------------	--	---	----------------------

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPLEMENTS, HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5975'	5910'		----->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*  Green River 4922'-4946'	25. WAS DIRECTIONAL SURVEY MADE  No
---	---

26. TYPE ELECTRIC AND OTHER LOGS RUN	27. WAS WELL CORED
Dual Induction Guard. SP. Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log	No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	304'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5961'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5021'	TA @ 4890'

[illegible]

33.*									
PRODUCTION									
DATE FIRST PRODUCTION 08/21/06		PRODUCTION METHOD (if lowering, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15.5' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST		HOURS TESTED	CHOKED SIZE	PROOF, FOR TEST PERIOD	OIL--BBLS	GAS--MCF	WATER--BBL	GAS-OIL RATIO	
30 day ave				---->	13	0	25	0	
FLOW--TUBING PRESS		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBLS	GAS--MCF	WATER--BBL	OIL GRAVITY--API CORR		
			-----						

DISPOSITION OF CRASHOLDS used for fuel, vented, etc.

## REFERENCES

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

Jun 19 1964

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<p align="center"><b>Well Name</b> <b>Ashley Federal 9-27-9-15</b></p>	Garden Gulch Mkr	3534'	
				Garden Gulch 1	3742'	
				Garden Gulch 2	3856'	
				Point 3 Mkr	4085'	
				X Mkr	4361'	
				Y-Mkr	4398'	
				Douglas Creek Mkr	4501'	
				BiCarbonate Mkr	4735'	
				B Limestone Mkr	4855'	
				Castle Peak	5402'	
				Basal Carbonate	5854'	
				Total Depth (LOGGERS)	5992'	



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84062OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
C	15444	12419	43-013-32835	ASHLEY FEDERAL 3-27-9-15	NE/NW	27	9S	15E	DUCHESNE		11/20/06

## WELL 1 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
C	15406	12419	43-013-32836	ASHLEY FEDERAL 5-27-9-15	SW/NW	27	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
C	15483	12419	43-013-32875	ASHLEY FEDERAL 9-27-9-15	NE/SE	27	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
C	15446	12419	43-013-32876	ASHLEY FEDERAL 10-27-9-15	NW/SE	27	9S	15E	DUCHESNE		11/20/06

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
C	15461	12419	43-013-32880	ASHLEY FEDERAL 15-27-9-15	SW/SE	27	9S	15E	DUCHESNE		11/20/06

## WELL 5 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QD	SC	TP	RG	COUNTY		
B	15437	12419	43-013-32877	ASHLEY FEDERAL 11-27-9-15	NE/SW	27	9S	15E	DUCHESNE		11/20/06

## WELL 3 COMMENTS:

BLM APPROVED PARTICIPATING AREA EXPANSION EFFECTIVE 7/1/2006. GRRV

## ACTION CODES (See Instructions on back of form)

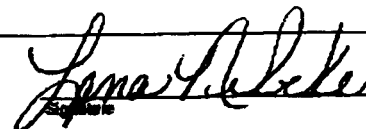
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comment section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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NOV 16 2006

DIV. OF OIL, GAS &amp; MINING



Lana Nebeker

Production Clerk  
TitleNOVEMBER 13, 2006  
Date

2



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3180  
UT-922

NOV 06 2006

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, CO 80202

Re: Initial Consolidated  
Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

The Initial consolidated Green River Formation "A, B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of July 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The Initial Consolidated Green River Formation PA "A, B" results in the Initial Participating Area of 6,710.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELL NO.	API NO.	LOCATION	LEASE NO.
13-22	43-013-32822	Lot 4, 22-9S-15E	UTU66185
14-22	43-013-32823	SESW, 22-9S-15E	UTU66185
15-23	43-013-32831	SWSE, 23-9S-15E	UTU66185
11-23	43-013-32829	NESW, 23-9S-15E	UTU66185
6-23	43-013-32827	SENW, 23-9S-15E	UTU66185
14-23	43-013-32817	SESW, 23-9S-15E	UTU66185
13-24	43-013-32820	SWSW, 24-9S-15E	UTU02458
14-24	43-013-32821	SESW, 24-9S-15E	UTU02458
9-24	43-013-32819	NESE, 24-9S-15E	UTU02458
8-24	43-013-32818	SENE, 24-9S-15E	UTU02458
4-25	43-013-32884	NWNW, 25-9S-15E	UTU66185
4-26	43-013-32900	NWNW, 26-9S-15E	UTU027345
5-26	43-013-32901	SWNW, 26, 9S-15E	UTU66185
12-26	43-013-32905	NWSW, 26, 9S-15E	UTU66185
5-27	43-013-32836	Lot 2, 27, 9S-15E	UTU66185
13-27	43-013-32878	Lot 4, 27, 9S-15E	UTU74827
11-27	43-013-32877	NESW, 27, 9S-15E	UTU74827

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NOV 08 2006

DIV. OF OIL, GAS & MINING

WELL NO.	API NO.	LOCATION	LEASE NO.
14-27	43-013-32879	SESW, 27, 9S-15E	UTU74827
7-27	43-013-32838	SWNE, 27, 9S-15E	UTU66185
10-27	43-013-32876	NWSE, 27, 9S-15E	UTU66185
15-27	43-013-32880	SWSE, 27, 9S-15E	UTU66185
9-27	43-013-32875	NESE, 27, 9S-15E	UTU66185
3-27	43-013-32835	NENW, 27, 9S-15E	UTU66185
2-27	43-013-32834	NWNE, 27, 9S-15E	UTU027345

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

*/s/ Douglas F. Cook*

Douglas F. Cook  
Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining  
SITLA  
Ashley Unit w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Central Files  
CSeare:cs (11/03/06)Ashley "A, B"Consolidated

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-66185

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2011 FSL 463 FEL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA A

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 9-27-9-15

9. API NUMBER:  
4301332875

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE, 27, T9S, R15E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 11/17/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Subject well had recompletion procedures initiated in the Green River formation. Existing production equipment was pulled from well. A bit and scraper were run in well. Three new intervals was perforated and hydraulically fracture treated as follows: Stage 1 B2 sands 4808'-4818', w/4 JSPF, w/34,168#'s of 20/40 sand in 377 bbls of Lightning 17 frac fluid, Stage 2 B.5, C, & D3 sands 4742-4749', 4692'-4703', 4658'-4669' w/4 JSPF, w/139,240 of 20/40 sand in 943 bbls of Lightning 17 frac fluid. Stage #3 D2 sands 4530'-4540' w/ 4 JSPF, w/ 47,296# 20/40 sand 431 bbls of Lightning 17 frac fluid. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & revised production tbg string were run and anchored in well w/tubing @5910', pump seating nipple @4735', and end of tubing string @ 4838'. A 1 1/2" rod pump was run in well on sucker rods. Well returned to production via rod pump on 11-17-06.

11

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 11/17/2006

(This space for State use only)

RECEIVED

NOV 21 2006

DIV. OF OIL, GAS & MINING



November 17, 2006

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Re-completion  
Ashley Federal 9-27-9-15  
Sec.27, T9S, R15E  
API #4301332875

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jentri Park".

Jentri Park  
Production Clerk

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NOV 21 2006

DIV. OF OIL, GAS & MINING



February 7, 2008

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #9-27-9-15  
Monument Butte Field, Ashley PA AB, Lease #UTU-66185  
Section 27-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #9-27-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Analyst

**RECEIVED**  
**FEB 12 2008**  
**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #9-27-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER)**  
**ASHLEY PA AB**  
**LEASE #UTU-66185**  
**February 7, 2008**

## TABLE OF CONTENTS


LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #9-27-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #7-27-9-15
ATTACHMENT E-2	WELLBORE DIAGRAM – ASHLEY FEDERAL #10-27-9-15
ATTACHMENT E-3	WELLBORE DIAGRAM – ASHLEY FEDERAL #15-27-9-15
ATTACHMENT E-4	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-27-9-15
ATTACHMENT E-5	WELLBORE DIAGRAM – ASHLEY FEDERAL #5-26-9-15
ATTACHMENT E-6	WELLBORE DIAGRAM – ASHLEY FEDERAL #11-26-9-15
ATTACHMENT E-7	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-26-9-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY FEDERAL #13-26-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 8/11/06-10/18/06
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number:		<u>Ashley Federal 9-27-9-15</u>	
Field or Unit name:		<u>Monument Butte (Green River), Ashley PA AB</u>	Lease No. <u>UTU-66185</u>
Well Location: QQ	<u>NE/SE</u>	section <u>27</u>	township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]			
Will the proposed well be used for:			
Enhanced Recovery? ..... Yes [ X ] No [ ]			
Disposal? ..... Yes [ ] No [ X ]			
Storage? ..... Yes [ ] No [ X ]			
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]			
If this application is for an existing well,			
has a casing test been performed on the well? ..... Yes [ ] No [ X ]			
Date of test: _____			
API number: <u>43-013-32875</u>			
Proposed injection interval: from <u>3856</u> to <u>5854</u>			
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1879</u> psig			
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.			
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>			
List of Attachments: <u>Attachments "A" through "H-1"</u>			
I certify that this report is true and complete to the best of my knowledge.			
Name:	<u>Eric Sundberg</u>	Signature	<u></u>
Title	<u>Regulatory Analyst</u>	Date	<u>2/8/08</u>
Phone No.	<u>(303) 893-0102</u>		
(State use only)			
Application approved by _____		Title _____	
Approval Date _____			
Comments:			

# Ashley Federal 9-27-9-15

Spud Date: 06/24/06  
Put on Production: 08/21/06  
K.B.: 6586, G.L.: 6574

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.02')  
DEPTH LANDED: 304.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5947.25')  
DEPTH LANDED: 5960.50' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 160'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 146 jts (4625.28')  
TUBING ANCHOR: 4637.28' KB  
NO. OF JOINTS: 3 jts (92.77')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4732.85' KB  
NO. OF JOINTS: 3 jts (95.04')  
TOTAL STRING LENGTH: EOT @ 4835.30' KB

## Proposed Injection Wellbore Diagram

Cement top @ 160'

Packer @ 4495'

4530'-4540'

4658'-4669'

4692'-4703'

4742'-4749'

4808'-4818'

4922'-4946'

PBTD @ 5910'

TD @ 5975'

Initial Production: BOPD,  
MCFD, BWPD

## FRAC JOB

08/18/06 4922-4946' **Frac A1 sands as follows:**  
97727# 20/40 sand in 695 bbls Lightning 17  
frac fluid. Treated @ avg press of 2187 psi  
w/avg rate of 25.1 BPM. ISIP 2400 psi. Calc  
flush: 4944 gal. Actual flush: 4788 gal.

10/12/06 **Recompletion. Rod & Tubing Detail**  
Updated. New perms added.

10/12/06 4808'-4818' **Frac B2 sands as follows:**  
34,168# 20/40 sand in 377 bbls Lightning 17  
frac fluid. Treated @ avg press of 2145 psi  
w/avg rate of 24.9 BPM. ISIP 1975 psi Calc  
flush: 4806 gal. Actual flush: 4347 gal.

10/13/06 4749'-4669' **Frac B,S, C, D3 sand as follows:**  
139,240# 20/40 sand in 943 bbls Lightning 17  
frac fluid. Treated w/ ave press of 1955 psi @  
avg rate of 24.9 BPM. ISIP 1910 psi Calc  
flush: 4747 gal. Actual flush: 4150 gal.

10/13/06 4530'-4540' **Frac D2 sands as follows:**  
47,296# 20/40 sand in 431 bbls Lightning 17  
frac fluid. Treated w/ ave press of 2275psi @  
ave rate of 24.4 BPM. ISIP 2170 psi Calc  
flush: 4528 gal. Actual flush: 4410 gal.

02-07-07 **Pump Change:** Updated rod and tubing detail.

## PERFORATION RECORD

08/10/06	4922-4946'	4 JSPF	96 holes
10/12/06	4808'-4818'	4 JSPF	40 holes
10/13/06	4742'-4749'	4 JSPF	28 holes
10/13/06	4692'-4703'	4 JSPF	44 holes
10/13/06	4658'-4669'	4 JSPF	44 holes
10/13/06	4530'-4540'	4 JSPF	40 holes

**NEWFIELD**

**Ashley Federal 9-27-9-15**

2011' FSL & 463' FEL

NE/SE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32875; Lease #UTU-66185

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 **The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

- 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #9-27-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

- 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #9-27-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3856' - 4855'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3534' and the Castle Peak top at 5402'.

- 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #9-27-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-66185) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 305' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5960' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1879 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #9-27-9-15, for existing perforations (4530' - 4976') calculates at 0.84 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1879 psig. We may add additional perforations between 3856' and 5992'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #9-27-9-15, the proposed injection zone (3856' - 5854') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-8.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

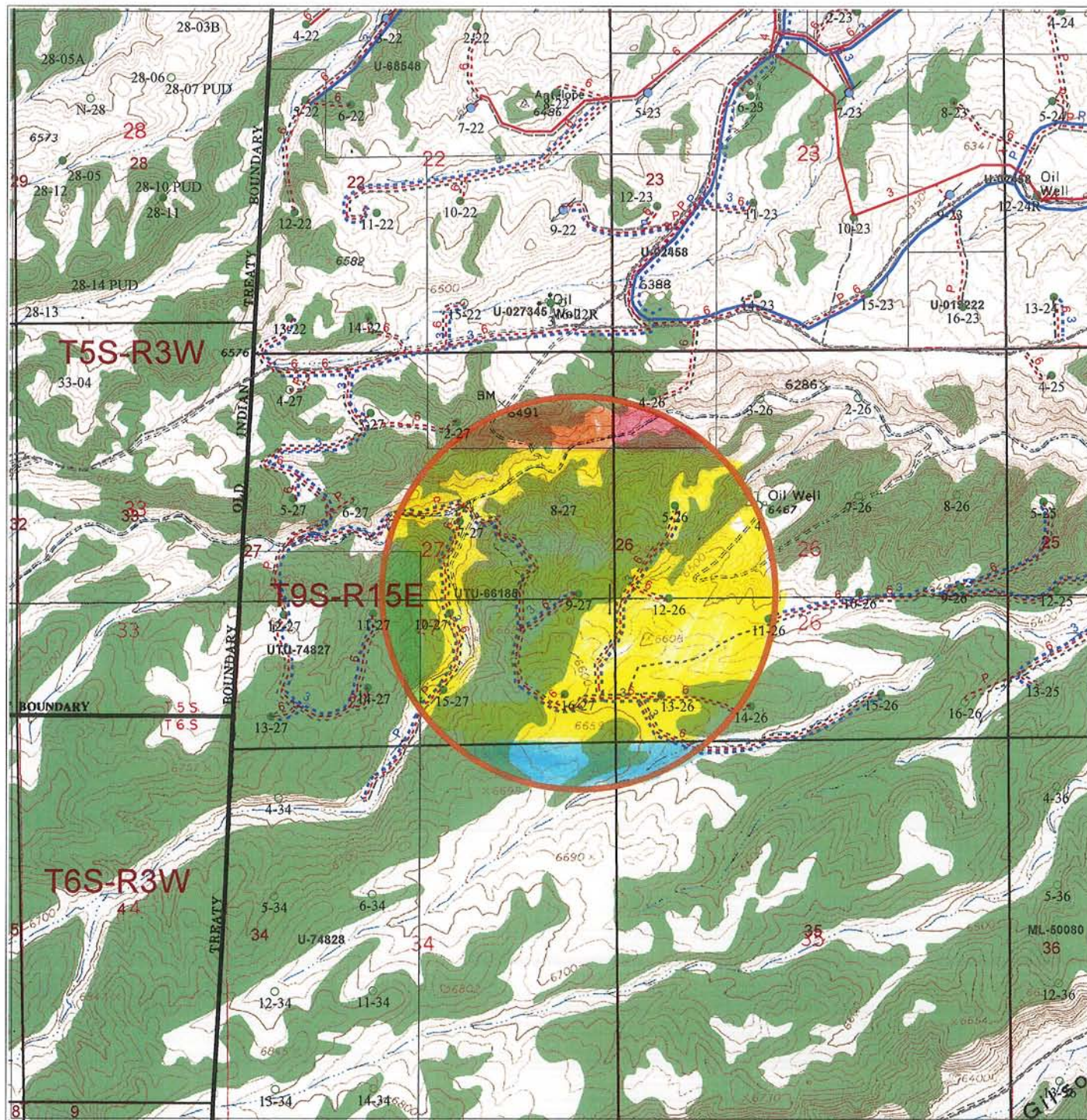
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊕ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Leases**
- 9-27-9-15 1/2 mile radius

Attachment A

Ashley 9-27-9-15  
Section 27, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS



1" = 2000'

1/2 Mile Radius Map  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

February 20, 2007



Marked Stone  
& Rebar

**T9S, R15E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT 9-27,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 27, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.

Old Indian Treaty Boundary

S3°03'W - 80.00' (G.L.O.)  
S03°29'20"W - 5267.18' (Measured from Milestone 32 to 31)

Set 5/8" Rebar  
at Cedar Post  
Marked MM32

Sec. 33 160.62'

Sec. 4 1999  
Aluminum  
Cap

cc

1910 589°57'19"W - 2512.41' (Meas. to c.c.)  
Brass Cap 2514.58' (Meas. to True Corner)

WEST - 73.26 (G.L.O.)  
WEST G.L.O. (Basis of Bearings)  
N89°59'06"W - 2640.60' (Meas.)  
WEST - 78.30 (G.L.O.)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**WELL LOCATION:  
ASHLEY UNIT 9-27**

ELEV. UNGRADED GROUND = 6574.3'

**27**

DRILLING  
WINDOW

200'

463'

2011'

N00°00'38"W - 5284.70' (Meas.)

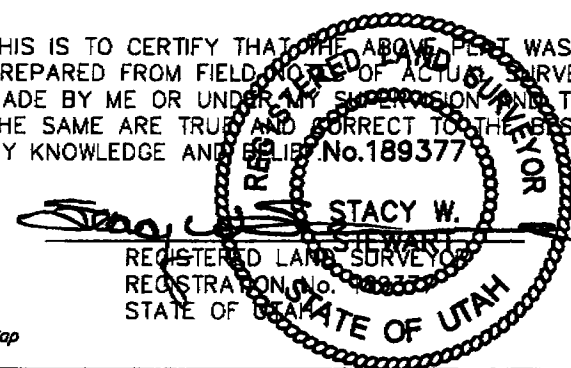
N0°01'W (G.L.O.)

1910  
Brass Cap



AH ahmet A-1

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000' SURVEYED BY: D.P.

DATE: 7-26-05 DRAWN BY: F.T.M.

NOTES: FILE #

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 15 East, SLM</u> Section 22: Lots 2-4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA
2	<u>Township 9 South Range 15 East</u> Section 22: SE/4 Section 26: NW/4NW/4 Section 27: N/2NE/4	UTU-027345 HBP	Newfield Production Company	USA
3	<u>Township 9 South, Range 15 East</u> Section 27: Lots 3, 4, E/2SW/4	UTU-74827 HBP	Newfield Production Company	USA
4	<u>Township 9 South Range 15 East</u> Section 23: SE/4NE/4, W/2SW/4, NE/4SE/4 Section 24: S/2N/2, S/2	UTU-02458 HBP	Newfield Production Company	USA
5	<u>Township 9 South, Range 15 East, SLM</u> Section 34: E/2 Section 35: All	UTU-78021 12/31/2008	III Exploration Company QEP Uinta Basin Inc.	USA


ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #9-27-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 8<sup>TH</sup> day of FEBRUARY, 2008.

Notary Public in and for the State of Colorado: \_\_\_\_\_



My Commission Expires: FEBRUARY 26, 2010

**My Commission Expires  
February 26, 2010**

**MARGARET A HUBBARD  
Notary Public  
State of Colorado**

Attachment E

# Ashley Federal 9-27-9-15

Spud Date: 06/24/06  
Put on Production: 08/21/06  
K.B.: 6586, G.L.: 6574

Initial Production: BOPD,  
MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.02')  
DEPTH LANDED: 304.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5947.25')  
DEPTH LANDED: 5960.50' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 160'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 146 jts (4625.28')  
TUBING ANCHOR: 4637.28' KB  
NO. OF JOINTS: 3 jts (92.77')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4732.85' KB  
NO. OF JOINTS: 3 jts (95.04')  
TOTAL STRING LENGTH: EOT @ 4835.30' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8, 1-6", & 2' x 3/4" pony rod, 97-3/4" scraped rods, 46-3/4" plain rods, 38-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 17" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

### FRAC JOB

08/18/06 4922-4946' **Frac A1 sands as follows:**  
97727# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2187 psi w/avg rate of 25.1 BPM. ISIP 2400 psi. Calc flush: 4944 gal. Actual flush: 4788 gal.

10/12/06 **Recompletion. Rod & Tubing Detail Updated. New perfs added.**

10/12/06 4808'-4818' **Frac B2 sands as follows:**  
34,168# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc flush: 4806 gal. Actual flush: 4347 gal.

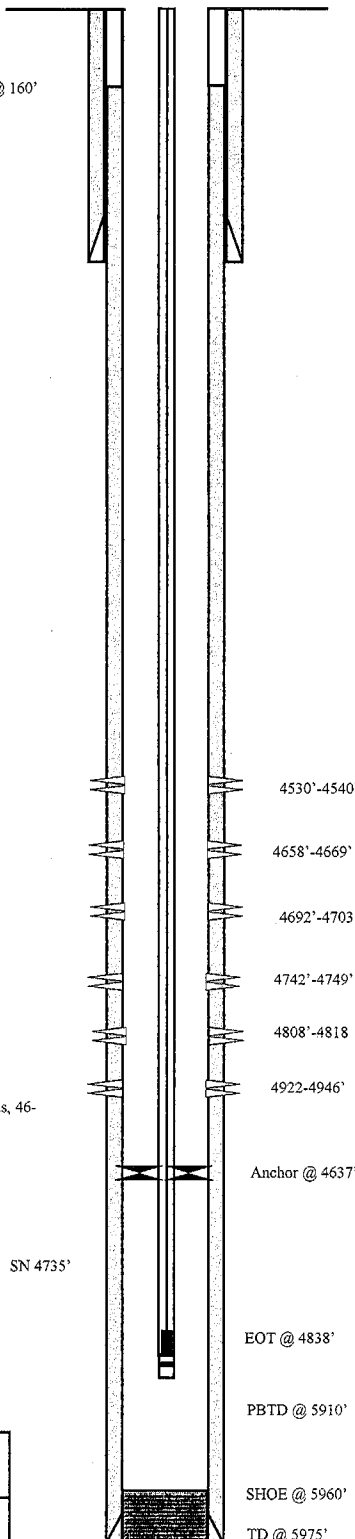
10/13/06 4749'-4669' **Frac B.5, C, D3 sand as follows:**  
139,240# 20/40 sand in 943 bbls Lightning 17 frac fluid. Treated w/ ave press of 1955 psi @ avg rate of 24.9 BPM. ISIP 1910 psi. Calc flush: 4747 gal. Actual flush: 4150 gal.

10/13/06 4530'-4540' **Frac D2 sands as follows:**  
47,296# 20/40 sand in 431 bbls Lightning 17 frac fluid. Treated w/ ave press of 2275psi @ ave rate of 24.4 BPM. ISIP 2170 psi. Calc flush: 4528 gal. Actual flush: 4410 gal.

02-07-07 **Pump Change: Updated rod and tubing detail.**

### PERFORATION RECORD

Date	Interval	Tool	Holes
08/10/06	4922-4946'	4 JSPF	96 holes
10/12/06	4808'-4818'	4 JSPF	40 holes
10/13/06	4742'-4749'	4 JSPF	28 holes
10/13/06	4692'-4703'	4 JSPF	44 holes
10/13/06	4658'-4669'	4 JSPF	44 holes
10/13/06	4530'-4540'	4 JSPF	40 holes



NEWFIELD

Ashley Federal 9-27-9-15

2011' FSL & 463' FEL

NE/SE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32875; Lease #UTU-66185

Ashley Federal 7-27-9-15

Spud Date: 06/16/06  
Put on Production: 08/01/06  
K.B.: 6440, G.L.: 6428

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.91')  
DEPTH LANDED: 314.76' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5796.39')  
DEPTH LANDED: 5795.63' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
TOP OF CEMENT: 70'

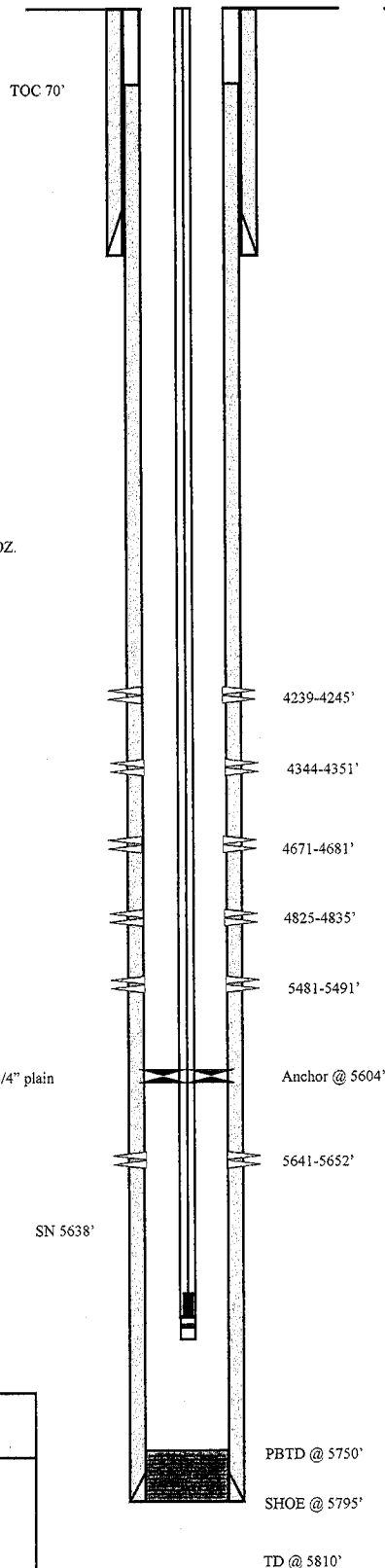
## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 177 jts (5992.52')  
TUBING ANCHOR: 5604.52' KB  
NO. OF JOINTS: 1 jts (31.55')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5638.87' KB  
NO. OF JOINTS: 1 jts (31.56')  
TOTAL STRING LENGTH: EOT @ 5671.98' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-6", x 3/4" pony rod, 100-3/4" guided rods, 109-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5.5 SPM:

### Wellbore Diagram



## FRAC JOB

07/25/06	5641-5652'	<p><b>Frac CP5, sands as follows:</b>  38880# 20/40 sand in 442 bbls Lightning 17  frac fluid. Treated @ avg press of 2305 psi  w/avg rate of 24.9 BPM. ISIP 2400 psi. Calc  flush: 5650 gal. Actual flush: 5082 gal.</p>
07/26/06	5481-5491'	<p><b>Frac CP3 sands as follows:</b>  39467# 20/40 sand in 430 bbls Lightning 17  frac fluid. Treated @ avg press of 2329 psi  w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc  flush: 5489 gal. Actual flush: 4956 gal.</p>
07/26/06	4825-4835'	<p><b>Frac A1 sands as follows:</b>  79110# 20/40 sand in 585 bbls Lightning 17  frac fluid. Treated @ avg press of 2440 psi  w/avg rate of 24.7 BPM. ISIP 3000 psi. Calc  flush: 4833 gal. Actual flush: 4284 gal.</p>
07/26/06	4671-4681'	<p><b>Frac B2 sands as follows:</b>  18379# 20/40 sand in 381 bbls Lightning 17  frac fluid. Treated @ avg press of 1732 psi  w/avg rate of 14.5 BPM. ISIP 1990 psi. Calc  flush: 4679 gal. Actual flush: 4158 gal.</p>
07/26/06	4344-4351'	<p><b>Frac DS3 sands as follows:</b>  18127# 20/40 sand in 277 bbls Lightning 17  frac fluid. Treated @ avg press of 2426 psi  w/avg rate of 14.3 BPM. ISIP 1850 psi. Calc  flush: 4349 gal. Actual flush: 3780 gal.</p>
07/26/06	4239-4245'	<p><b>Frac X-stray sands as follows:</b>  23450# 20/40 sand in 281 bbls Lightning 17  frac fluid. Treated @ avg press of 2077 psi  w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc  flush: 4243 gal. Actual flush: 4158 gal.</p>

### PERFORATION RECORD

07/20/06	5641-5652'	4 JSPF	44 holes
07/25/06	5481-5491'	4 JSPF	40 holes
07/26/06	4825-4835'	4 JSPF	40 holes
07/26/06	4671-4681'	4 JSPF	40 holes
07/26/06	4344-4351'	4 JSPF	28 holes
07/26/06	4239-4245'	4 JSPF	24 holes



**Ashley Federal 7-27-9-15**

2277' FNL &amp; 2057' FEL

SW/NE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32838; Lease #UTU-66185



## Ashley Federal 10-27-9-15

Spud Date: 06/19/06  
Put on Production 08/03/06  
K.B.: 6483, G.L.: 6471

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (299.38')  
DEPTH LANDED: 311.23' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5810.09')  
DEPTH LANDED: 5809.34' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

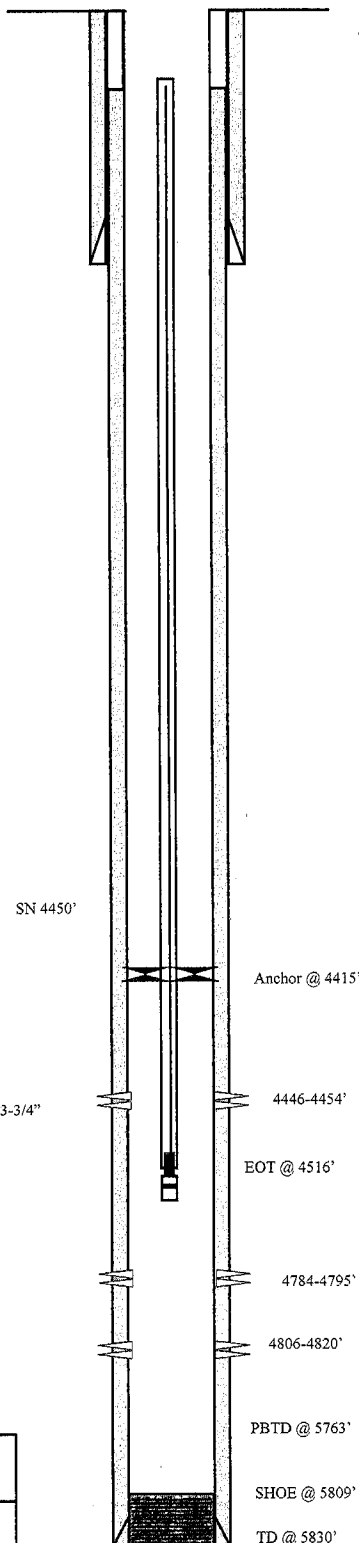
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 139 jts (4403.02')  
TUBING ANCHOR: 4415.02' KB  
NO. OF JOINTS: 1 jts (31.70')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4449.52' KB  
NO. OF JOINTS: 2 jts (63.35')  
"HE" RH (1.80')  
TOTAL STRING LENGTH: EOT @ 4515.77' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-6', 1-2' x 3/4" pony rod, 98-3/4" scraped rods, 53-3/4" scraped rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 4 x 17' RHAC w/SM plunger  
STROKE LENGTH: ?  
PUMP SPEED, 5 SPM:

## Wellbore Diagram

FRAC JOB

08/01/06 4784-4820' **Frac A1, A3 sands as follows:**  
80975# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 2217 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 4818 gal. Actual flush: 4662 gal.  
11/20/06 4446'-4454' **Frac D2 sands as follows:**  
50,000# 20/40 sand in 19,950 bbls Lightning 17 frac fluid. Treated w/ avg press of 1596 psi @ avg rate of 24.9 BPM. ISIP 1700 psi.  
01/24/07 **Pump Change:** Rod & Tubing Detail Updated  
03/20/07 **Pump Change:** Rod & Tubing Detail Updated

PERFORATION RECORD

07/25/06	4784-4795'	4 JSPF	44 holes
07/25/06	4806-4820'	4 JSPF	56 holes
11/17/06	4446'-4454'	4 JSPF	32 holes

NEWFIELD

Ashley Federal 10-27-9-15

1779' FSL &amp; 2202' FEL

NW/SE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32876; Lease #UTU-66185

# Ashley Federal 15-27-9-15

Spud Date: 6-21-06  
Put on Production: 8-17-06

GL: 6506' KB: 6418'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (304.56')  
DEPTH LANDED: 322.33' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5829.32')  
DEPTH LANDED: 5828.57' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 300'

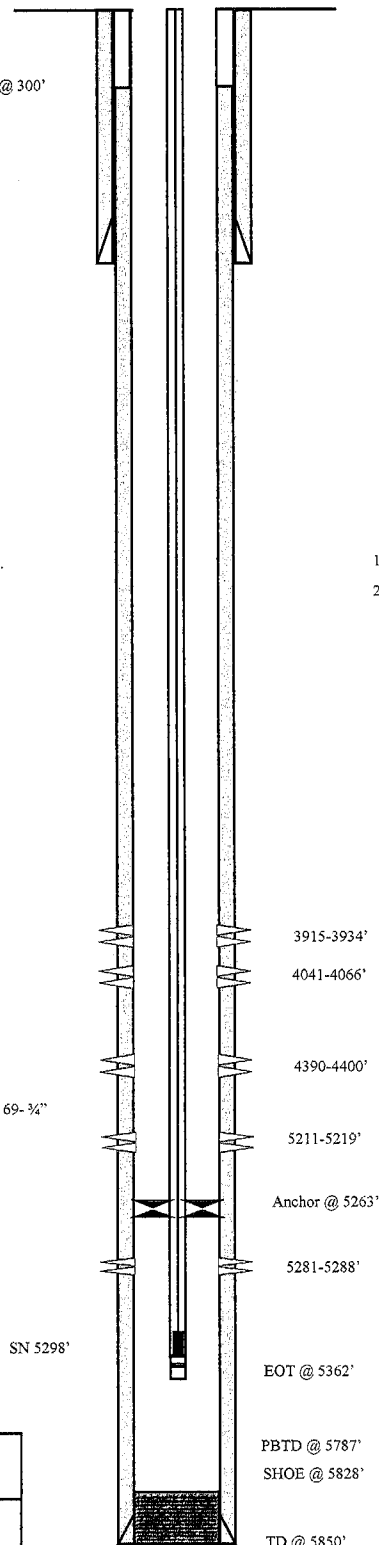
## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 166 jts (5251.18')  
TUBING ANCHOR: 5263.18' KB  
NO. OF JOINTS: 1 jts (31.61')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5297.59' KB  
NO. OF JOINTS: 2 jts (63.36')  
TOTAL STRING LENGTH: EOT @ 5362.05' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 2-4", 1-2' pony rods, 100-3/4" scraped rods, 69-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16 x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

## Wellbore Diagram




## FRAC JOB

08-09-2006	5211-5288'	<b>Frac CP1, LODC sands as follows:</b> 35250# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2095 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5209 gal. Actual flush: 4704 gal.
08-09-06	4390-4400'	<b>Frac D1 sands as follows:</b> 29767# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 1603 psi w/avg rate of 14.4 BPM. ISIP 1875 psi. Calc flush: 4388 gal. Actual flush: 4284 gal.
08-10-06	4041-4066'	<b>Frac PB8 sands as follows:</b> 81240# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 2410 psi w/avg rate of 21.8 BPM. ISIP 3500 psi. Calc flush: 4039 gal. Actual flush: 3570 gal.
08-10-06	3915-3934'	<b>Frac GB6 sands as follows:</b> 78749# 20/40 sand in 564 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 w/ avg rate of 24.9 BPM. ISIP 2075 psi. Calc flush: 3913 gal. Actual flush: 3822 gal.
11/28/06		<b>Pump Change:</b> Updated rod and tubing detail.
2-2-07		<b>Pump Change:</b> Updated rod and tubing detail.

## PERFORATION RECORD

08-03-06	5281-5288'	4 JSFP	28 holes
08-03-06	5211-5219'	4 JSFP	32 holes
08-09-06	4390-4400'	4 JSFP	40 holes
08-09-06	4041-4066'	4 JSFP	100 holes
08-10-06	3915-3934'	4 JSFP	76 holes


<b>Ashley Federal 15-27-9-15</b> 751' FSL & 2288' FEL SW/SE Section 27-T9S-R15E Duchesne Co, Utah API # 43-013-32880; Lease # UTU-66185

# Ashley Federal 16-27-9-15

Spud Date: 6-27-06  
Put on Production: 10-19-06  
GL: 6611' KB: 6623'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (300.68')  
DEPTH LANDED: 312.53' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5955.27')  
DEPTH LANDED: 5954.52' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 150'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 167 jts (5538.98')  
TUBING ANCHOR: 5550.94' KB  
NO. OF JOINTS: 3 jts (96.70')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5650.44' KB  
NO. OF JOINTS: 2 jts (64.95')  
TOTAL STRING LENGTH: EOT @ 5716.94' KB

### SUCKER RODS

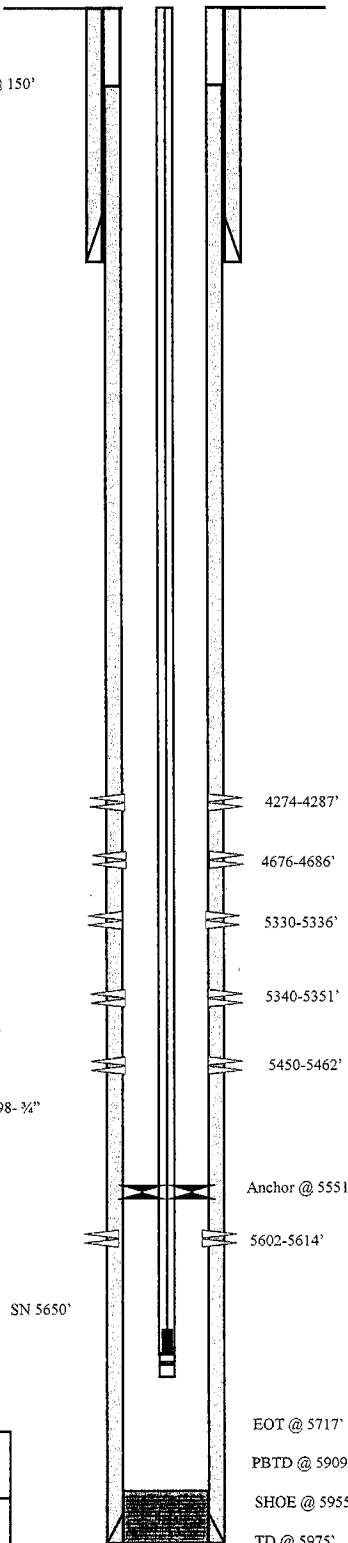
POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 2-6, 1-2' x 3/4" ponies 101- 3/4" scraped rods, 98- 3/4" plain rods, 20- 3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4.5 SPM

### FRAC JOB

10-12-06 4274-4287' **Frac PB10 sands as follows:**  
27441# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 1555 psi w/avg rate of 14.5 BPM. ISIP 2120 psi. Calc flush: 4158 gal. Actual flush: 4272 gal.  
  
02/13/07 Re-completion.  
02-14-07 5602-5614' **Frac CP3 sands as follows:**  
32211# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press of 3864 psi w/avg rate of 14.4 BPM. ISIP 1970 psi. Calc flush: 3129 gal. Actual flush: 1344 gal.  
  
02-15-07 5450-5462' **Frac CP1 sands as follows:**  
45377# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 3239 psi w/avg rate of 14.4 BPM. ISIP 2180 psi. Calc flush: 1609 gal. Actual flush: 1260 gal.  
  
02-15-07 5330-5351' **Frac LODC sands as follows:**  
60323# 20/40 sand 483 bbls Lightning 17 frac fluid. Treated @ avg press of 3473 psi w/avg rate of 14.4 BPM. ISIP 2330 psi. Calc flush: 1599 gal. Actual flush: 1302 gal.  
  
02-15-07 4676-4686' **Frac C sands as follows:**  
44808# 20/40 sand 329 bbls Lightning 17 frac fluid. Treated @ avg press of 3399 psi w/avg rate of 14.4 BPM. ISIP 2000 psi. Calc flush: 1819 gal. Actual flush: 1092 gal.

### PERFORATION RECORD

Date	Interval	Tool	Holes
10-02-06	4274-4287'	4 JSPF	52 holes
02-13-07	5602-5614'	4 JSPF	48 holes
02-13-07	5450-5462'	4 JSPF	48 holes
02-13-07	5340-5351'	4 JSPF	44 holes
02-13-07	5330-5336'	4 JSPF	24 holes
02-13-07	4676-4686'	4 JSPF	40 holes



**NEWFIELD**

**Ashley Federal 16-27-9-15**

660' FSL & 660' FEL

SE/SE Section 27-T9S-R15E

Duchesne Co, Utah

API # 43-013-32881; Lease # UTU-66185

## Ashley Federal 5-26-9-15

Spud Date: 07/24/06  
Put on Production: 5873  
K.B.: 6499, G.L.: 6487

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (312')  
DEPTH LANDED: 323.85' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5905.66')  
DEPTH LANDED: 5918.91' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 180 jts (5681.42')  
TUBING ANCHOR: 5693.42'  
NO. OF JOINTS: 1 jts (31.56')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5727.78'  
NO. OF JOINTS: 2 jts (63.26')  
TOTAL STRING LENGTH: EOT @ 5792.59'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2', 6', 8' x 3/4" pony rod, 100-3/4" scrapped rods, 93-3/4" plain rods, 29-3/4" scrapped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger  
STROKE LENGTH: 74"  
PUMP SPEED, 5 SPM:

FRAC JOB

09/21/06 5627-5732' **Frac CP4, CP5 sands as follows:**  
60002# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2015 psi w/avg rate of 24.9 BPM. ISIP 2325 psi. Calc flush: 5730 gal. Actual flush: 5166 gal.

09/21/06 5525-5540' **Frac CP2 sands as follows:**  
55251# 20/40 sand in 474 bbls Lightning 17 frac fluid. Treated @ avg press of 2185 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5538 gal. Actual flush: 5166 gal.

09/22/06 5282-5344' **Frac LODC sands as follows:**  
29880# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2545 psi w/avg rate of 25.1 BPM. ISIP 2200 psi. Calc flush: 5542 gal. Actual flush: 4830 gal.

09/22/06 4915-4929' **Frac A1 sands as follows:**  
49529# 20/40 sand in 486 bbls Lightning 17 frac fluid. Treated @ avg press of 2975 psi w/avg rate of 24.8 BPM. ISIP 3260 psi. Calc flush: 4927 gal. Actual flush: gal.

09/26/06 4780-4792' **Frac B2 sands as follows:**  
66127# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2267 psi w/avg rate of 24.9 BPM. ISIP 4700 psi. Calc flush: 4927 gal. Actual flush: gal.

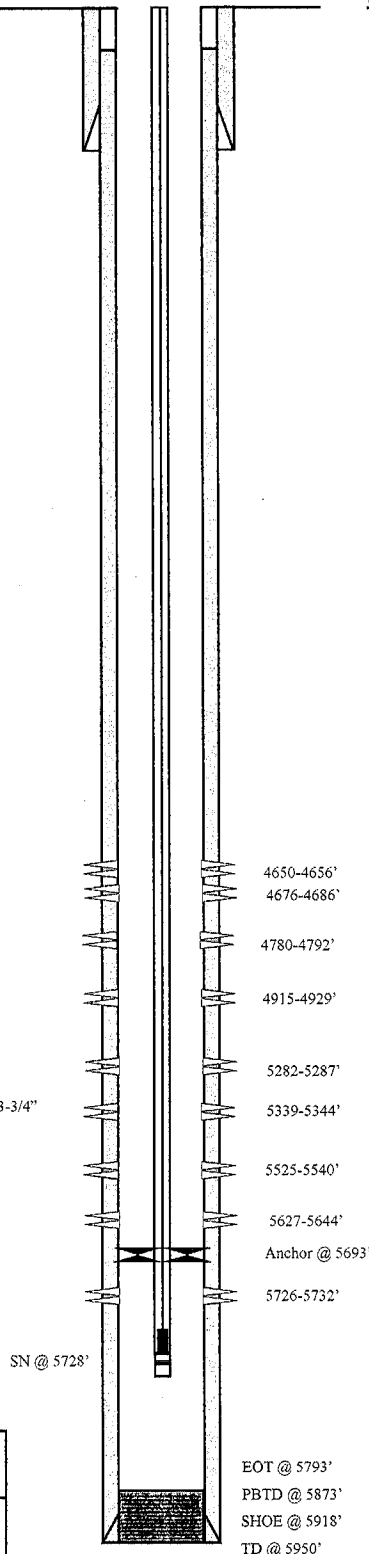
09/26/06 4650-4686' **Frac C, D3 sands as follows:**  
61554# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 2173 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4684 gal. Actual flush: 4620 gal.

12/29/06 **tubing leak:** Updated tubing and rod detail.

10-16-07 **Pump Change.** Updated rod & tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
09/07/06	5726-5732'	4 JSPF	24 holes
09/07/06	5627-5644'	4 JSPF	68 holes
09/21/06	5525-5544'	4 JSPF	60 holes
09/21/06	5339-5344'	4 JSPF	20 holes
09/21/06	5282-5287'	4 JSPF	20 holes
09/22/06	4915-4929'	4 JSPF	56 holes
09/22/06	4780-4792'	4 JSPF	48 holes
09/26/06	4676-4686'	4 JSPF	40 holes
09/26/06	4650-4656'	4 JSPF	24 holes



NEWFIELD

Ashley Federal 5-26-9-15

2081' FNL &amp; 832' FWL

SW/NW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32901; Lease #UTU-66185

AHAdmet e-6

# Ashley Federal 11-26-9-15

Spud Date: 9/15/06  
Put on Production: 10/27/06  
K.B.: 6525, G.L.: 6513

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.64')  
DEPTH LANDED: 322.49' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5902.08')  
DEPTH LANDED: 5915.33' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 30'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 177 jts (5549.43')  
TUBING ANCHOR: 5561.43'  
NO. OF JOINTS: 1 jts (31.49')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5595.72'  
NO. OF JOINTS: 2 jts (63.08')  
TOTAL STRING LENGTH: EOT @ 5660.35'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 1-6", 2-4" x 3/4" ponies, 98- 3/4" scraped rods, 88- 3/4" plain rods, 30- 3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

### FRAC JOB

10/23/06	5584-5597'	<b>Frac CP4, sands as follows:</b> 28213# 20/40 sand in 373 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 5595 gal. Actual flush: 5082 gal.
10/23/06	5469-5481'	<b>Frac CP2 sands as follows:</b> 29334# 20/40 sand in 367 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25 BPM. ISIP 2285 psi. Calc flush: 5479 gal. Actual flush: 4956 gal.
10/23/06	5203-5210'	<b>Frac LODC sands as follows:</b> 20362# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2865 psi w/avg rate of 24.4 BPM. ISIP 2530 psi. Calc flush: 5208 gal. Actual flush: 4704 gal.
10/24/06	4653-4674'	<b>Frac D3 sands as follows:</b> 74428# 20/40 sand in 568 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2040 psi. Calc flush: 4672 gal. Actual flush: 4158 gal.
10/24/06	4400-4416'	<b>Frac DS1 sands as follows:</b> 24198# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 1890 psi. Calc flush: 4414 gal. Actual flush: 3906 gal.
10/24/06	4322-4327'	<b>Frac PB11 sands as follows:</b> 13889# 20/40 sand in 242 bbls Lightning 17 frac fluid. Treated @ avg press of 2580 psi w/avg rate of 14.5 BPM. ISIP 2000 psi. Calc flush: 4325 gal. Actual flush: 4200 gal.
8/16/07		Pump change. Updated rod & tubing detail.

### PERFORATION RECORD

10/16/06	5584-5597'	4 JSFP	52 holes
10/23/06	5469-5481'	4 JSFP	48 holes
10/23/06	5203-5210'	4 JSFP	28 holes
10/23/06	4653-4674'	4 JSFP	84 holes
10/24/06	4400-4416'	4 JSFP	64 holes
10/24/06	4322-4327'	4 JSFP	20 holes

SN @ 5596'

EOT @ 5560.35'  
PBTB @ 5899'  
SHOE @ 5915'  
TD @ 5930'

**NEWFIELD**

**Ashley Federal 11-26-9-15**

1640' FSL & 2079' FWL

NE/SW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32904; Lease #UTU-66185



## Ashley Federal 12-26-9-15

Spud Date: 7-27-06  
Put on Production: 9-29-06

GL: 6528' KB: 6540'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (304.63')  
DEPTH LANDED: 316.48' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts (5955')  
DEPTH LANDED: 5821.31' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 100'

TUBING

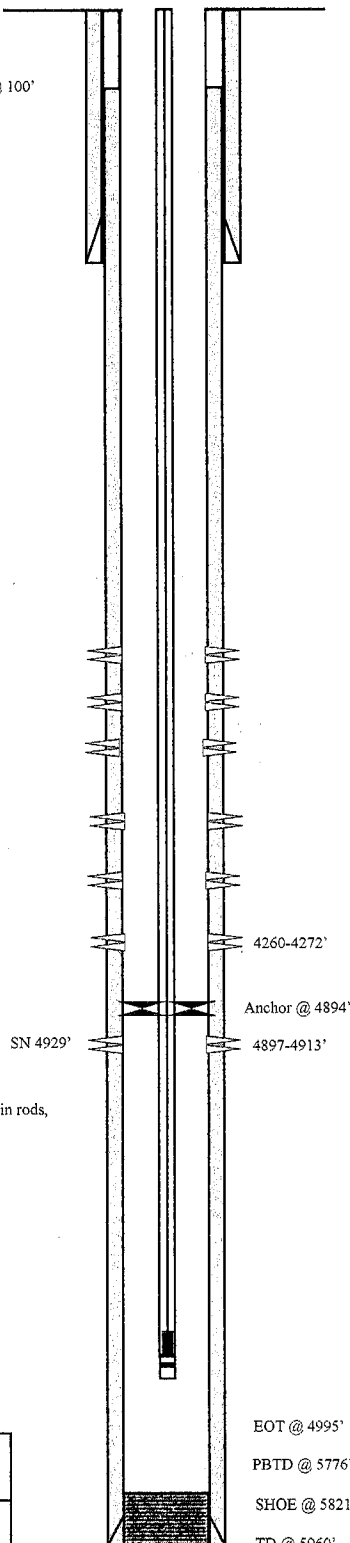
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 154 jts (4881.67')  
TUBING ANCHOR: 4893.67' KB  
NO. OF JOINTS: 1 jts (32.53')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4929' KB  
NO. OF JOINTS: 2 jts (64.36')  
TOTAL STRING LENGTH: EOT @ 4994.91' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2 3/4" pony rods, 99- 3/4" scraped rods, 81- 3/4" plain rods,  
10- 3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM

## Wellbore Diagram

Cement top @ 100'

FRAC JOB

09-25-06 4897-4913'

Frac A1 sands as follows:

85340# 20/40 sand in 643 bbls Lightning 17  
frac fluid. Treated @ avg press of 2445 psi  
w/avg rate of 24.6 BPM. ISIP 2460 psi. Calc  
flush: 4368 gal. Actual flush: 4895 gal.

09-25-06 4260-4272'

Frac PB10 sands as follows:

28922# 20/40 sand in 301 bbls Lightning 17  
frac fluid. Treated @ avg press of 2180 psi  
w/avg rate of 14.4 BPM. ISIP 2180 psi. Calc  
flush: 4158 gal. Actual flush: 4258 gal.

PERFORATION RECORD

09-12-06	4897-4913'	4 JSPF	64 holes
09-25-06	4260-4272'	4 JSPF	48 holes

**NEWFIELD**

**Ashley Federal 12-26-9-15**

1298' FSL & 741' FWL

NW/SW Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32905; Lease # UTU-66185

## Ashley Federal 13-26-9-15

Spud Date: 07/20/2006  
 Put on Production: 10/11/2006  
 GL: 6572' KB: 6584'

## Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.97')  
 DEPTH LANDED: 321.82' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6.5 bbls cmt to surf.  
 Cement Top @ 240'

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5914.90')  
 DEPTH LANDED: 5928.15' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 174 jts (5487.46')  
 TUBING ANCHOR: 5499.46' KB  
 NO. OF JOINTS: 2 jts (63.38')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5565.64' KB  
 NO. OF JOINTS: 2 jts (66.36')  
 TOTAL STRING LENGTH: EOT @ 5630.55' KB

SUCKER RODS

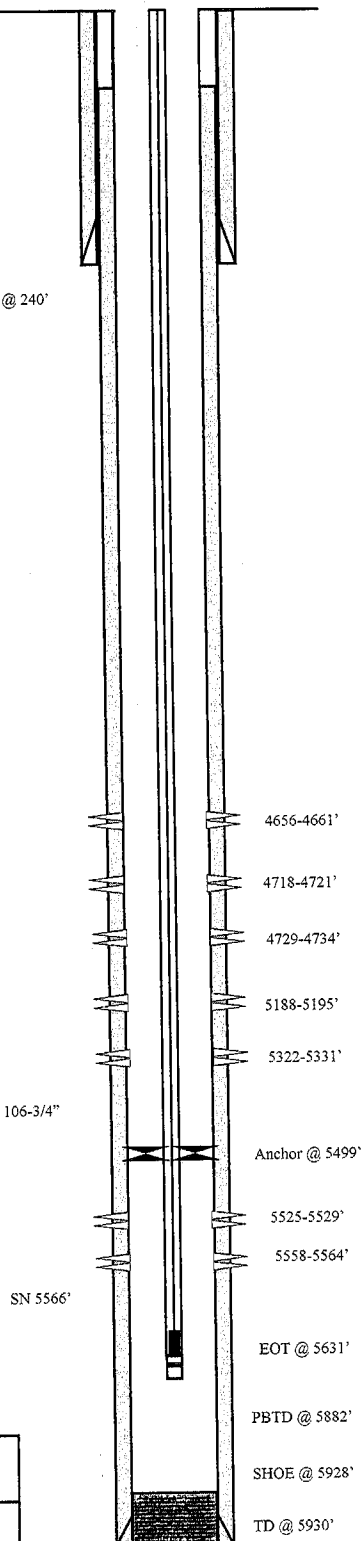
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-6' & 1-2' x 3/4" pony rod, 100-3/4" scraped rods, 106-3/4"  
 plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED: 6 SPM:

FRAC JOB

10/06/06	5525-5564'	<b>Frac CP3 sands as follows:</b> 29677# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5523 gal. Actual flush: 5040 gal.
10/06/06	5322-5331'	<b>Frac LODC sands as follows:</b> 19791# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 5320 gal. Actual flush: 4578 gal.
10/06/06	5188-5195'	<b>Frac LODC sands as follows:</b> 34890# 20/40 sand in 400 bbls Lightning 17 frac fluid. Treated @ avg press of 2958 psi w/avg rate of 24.7 BPM. ISIP 3350 psi. Calc flush: 5186 gal. Actual flush: 4410 gal.
10/06/06	4729-4661'	<b>Frac B1 &amp; C sands as follows:</b> 64593# 20/40 sand in 521 bbls Lightning 17 frac fluid. Treated @ avg press of 2263 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4727 gal. Actual flush: 4494 gal.

PERFORATION RECORD

09/28/06	5558-5564'	4 JSFP	24 holes
09/28/06	5525-5529'	4 JSFP	16 holes
10/06/06	5322-5331'	4 JSFP	36 holes
10/06/06	5188-5195'	4 JSFP	28 holes
10/06/06	4729-4734'	4 JSFP	20 holes
10/06/06	4718-4721'	4 JSFP	12 holes
10/06/06	4656-4661'	4 JSFP	20 holes



NEWFIELD

Ashley Federal 13-26-9-15

630' FSL &amp; 634' FWL

SW/SW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32906; Lease #UTU-66185

Attachment F

Analysis: 41489

1 of 4

## Water Analysis Report from Baker Petrolite

Summary of Mixing Waters		
<b>Sample Number</b>	389461	384277
<b>Company</b>	NEWFIELD EXPLORATION	NEWFIELD EXPLORATION
<b>Lease</b>	JOHNSON WATER	ASHLEY FACILITY
<b>Well</b>	PUMP STATION 2	9-27-9-15
<b>Sample Location</b>	PUMP DISCHARGE	WELLHEAD
<b>Anions (mg/L)</b>		
Chloride	17.0	6,266
Bicarbonate	319	2,361
Carbonate	0.00	235
Sulfate	89.0	7.00
Phosphate	0.00	0.00
Borate	0.00	0.00
Silicate	0.00	0.00
<b>Cations (mg/L)</b>		
Sodium	85.9	5,044
Magnesium	22.0	4.00
Calcium	40.0	24.0
Strontium	0.20	3.50
Barium	0.20	2.50
Iron	0.10	43.0
Potassium	0.20	31.0
Aluminum	0.00	0.00
Chromium	0.00	0.00
Copper	0.00	0.00
Lead	0.00	0.00
Manganese	0.03	0.60
Nickel	0.00	0.00
<b>Anion/Cation Ratio</b>	<b>1.00</b>	<b>1.00</b>
<b>TDS (mg/L)</b>	574	14,022
<b>Density (g/cm)</b>	1.00	1.01
<b>Sampling Date</b>	1/10/07	3/12/07
<b>Account Manager</b>	RANDY HUBER	RANDY HUBER
<b>Analyst</b>	LISA HAMILTON	JOSE NUNEZ
<b>Analysis Date</b>	1/17/07	3/20/07
<b>pH at time of sampling</b>		
<b>pH at time of analysis</b>	8.16	8.68
<b>pH used in Calculations</b>	8.16	8.68



Baker Petrolite

Attachment F  
2 of 4

Analysis: 41489

## Water Analysis Report from Baker Petrolite

Mixes at 140°F and 0 psi

Predictions of Carbon Dioxide Pressure, Saturation Index and Amount of Scale in lb/1000bbl												
Mix Waters		CO <sub>2</sub>	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> •2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
389461	384277	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
100%	0%	0.09	1.01	16.3	-1.86		-1.70		-2.38		0.28	0.06
90%	10%	0.08	1.33	25.9	-2.15		-1.99		-2.19		0.38	0.15
80%	20%	0.10	1.39	28.6	-2.36		-2.19		-2.15		0.40	0.24
70%	30%	0.12	1.39	28.4	-2.54		-2.37		-2.15		0.39	0.31
60%	40%	0.16	1.37	27.4	-2.70		-2.53		-2.17		0.36	0.37
50%	50%	0.19	1.35	26.2	-2.86		-2.69		-2.22		0.31	0.41
40%	60%	0.23	1.32	24.9	-3.02		-2.85		-2.28		0.25	0.40
30%	70%	0.28	1.29	23.5	-3.20		-3.03		-2.37		0.16	0.32
20%	80%	0.32	1.25	22.1	-3.40		-3.23		-2.49		0.04	0.09
10%	90%	0.37	1.22	20.7	-3.66		-3.49		-2.66		-0.14	
0%	100%	0.42	1.18	19.3	-4.06		-3.89		-2.99		-0.47	

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

AHahmt F  
3 of 4

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409345
Lease/Platform:	ASHLEY FACILITY	Analysis ID #:	78292
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	BEFORE FILTERS		

Summary		Analysis of Sample 409345 @ 75 °F					
Sampling Date:	12/29/07	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	01/10/08	Chloride:	589.0	16.61	Sodium:	518.3	22.55
Analyst:	STACEY SMITH	Bicarbonate:	487.0	7.98	Magnesium:	23.0	1.89
		Carbonate:	0.0	0.	Calcium:	45.0	2.25
TDS (mg/l or g/m3):	1778.9	Sulfate:	109.0	2.27	Strontium:	1.5	0.03
Density (g/cm3, tonne/m3):	1.001	Phosphate:			Barium:	1.0	0.01
Anion/Cation Ratio:	1	Borate:			Iron:	0.1	0.
		Silicate:			Potassium:	5.0	0.13
Carbon Dioxide:		Hydrogen Sulfide:			Aluminum:		
Oxygen:		pH at time of sampling:			Chromium:		
Comments:		pH at time of analysis:		8.12	Copper:		
		pH used in Calculation:		8.12	Lead:		
					Manganese:	0.025	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.80	14.35	-1.95	0.00	-2.02	0.00	-1.70	0.00	1.22	0.70	0.05
100	0	0.87	16.79	-1.95	0.00	-1.96	0.00	-1.68	0.00	1.09	0.70	0.08
120	0	0.95	19.59	-1.94	0.00	-1.87	0.00	-1.64	0.00	0.97	0.70	0.11
140	0	1.04	22.74	-1.93	0.00	-1.76	0.00	-1.60	0.00	0.89	0.35	0.16

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

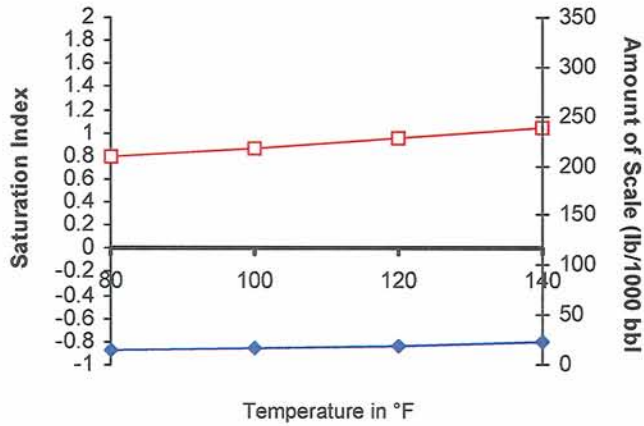


Attachment F  
4 of 4

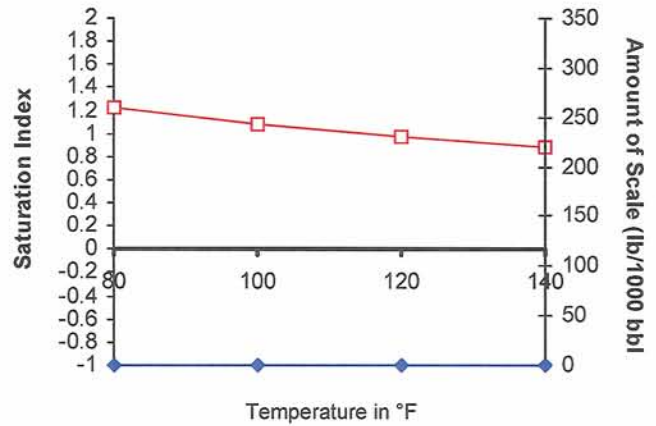
## Scale Predictions from Baker Petrolite

Analysis of Sample 409345 @ 75 °F for NEWFIELD EXPLORATION, 01/10/08

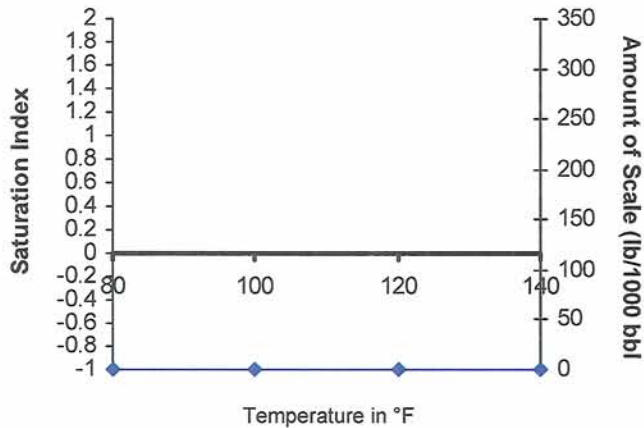
**Calcite -  $\text{CaCO}_3$**



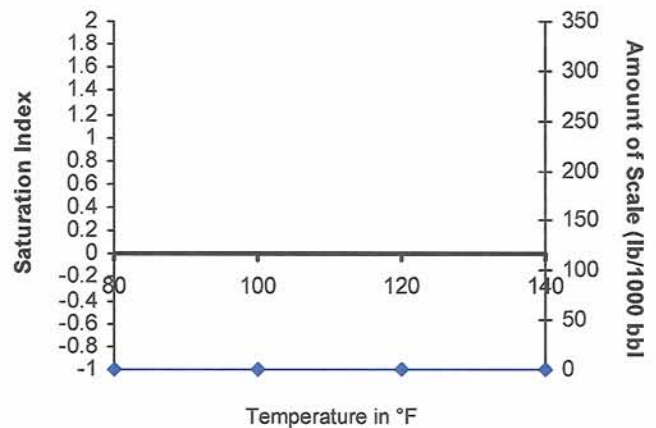
**Barite -  $\text{BaSO}_4$**



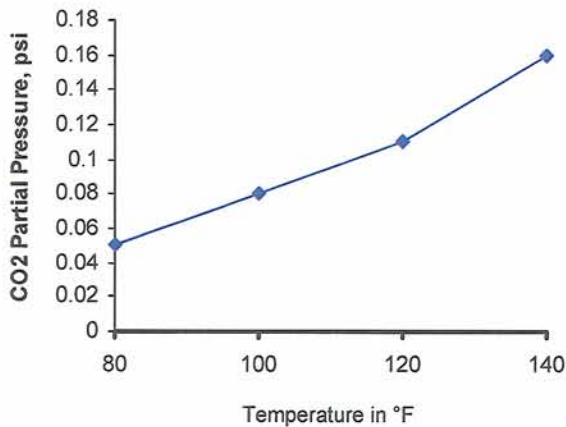
**Gypsum -  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$**



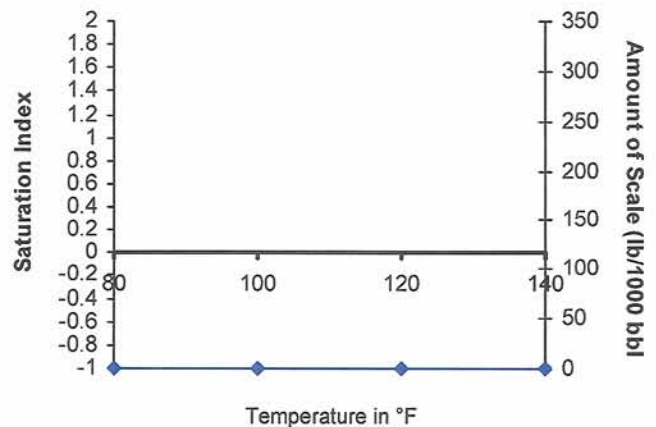
**Anhydrite -  $\text{CaSO}_4$**



**Carbon Dioxide Partial Pressure**



**Celestite -  $\text{SrSO}_4$**



**Attachment "G"**

**Ashley Federal #9-27-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4922	4946	4934	2400	0.92	2368
4808	4818	4813	1975	0.84	1944
4749	4669	4709	1910	0.84	1879
4530	4540	4535	2170	0.91	2141
				<b>Minimum</b>	<u>1879</u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$Frac\ Gradient = (ISIP + (0.433 * Top\ Perf.)) / Top\ Perf.$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: August 11, 2006

Day: 01

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8" @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5868'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4922-4946'	4/96			

Date Work Performed: August 10, 2006

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5868' & cement top @ 160'. Perforate stage #1 W/ 4" ported guns as follows: A1 sds @ 4922- 4946'. All 4 JSPF in 2 runs. RD WLT. SIFN W/ est 140 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:  
 Fluid lost/recovered today: 0 Oil lost/recovered today:  
 Ending fluid to be recovered: 140 Cum oil recovered:  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Weatherford BOP \$460

NPC NU crew \$300

NDSI trucking \$800

Perforators LLC \$7,021

Drilling cost \$281,080

Zubiate Hot Oil \$315

Location preparation \$300

NPC wellhead \$1,500

Benco - anchors \$1,200

Admin. Overhead \$3,000

NPC Supervisor \$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Orson Barney

DAILY COST: \$296,276

TOTAL WELL COST: \$296,276

# NEWFIELD



Attachment 9-1  
2 of 9

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: August 19, 2006

Day: 02

Operation: Completion

Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8' @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5868'WL  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4982' BP/Sand PBTD: 5910

### PERFORATION RECORD

Zone	Perfs	SPF#shots	Zone	Perfs	SPF#shots
A1 sds	4922-4946'	4/96			

Date Work Performed: August 18, 2006

SITP:                      SICP: 0 psi

RU BJ Services. 0 psi on well. Frac A1 sds w/ 97,727#'s of 20/40 sand in 695 bbls of Lightning 17 fluid. Broke @ 1546 psi Treated w/ ave pressure of 2187 psi @ ave rate of 25.1 BPM. ISIP 2400 psi. Begin immediate flowback on 12/64 choke @ 1BPM. Flowed for 3 hrs & died. Rec. 180 BTF (26% of total frac load). MIRU NC#1 rig. ND Cameron BOP & 5M WH. NU 3M WH & Weatherford schaffer BOP. Talley, PU & RIH w/ NC, 2- jts (new) 2 7/8 J-55 tbg, SN; 2- jts (new) J-55 tbg, 5 1/2" TA, 179- jts of tbg. Tagged sand @ 5794'. C/O to PBTD @ 5910'. Rec. 20 bbls of wtr while PU tbg. TOH w/ 30 jts of tbg. EOT @ 4982', TA @ 4851'. SIFN W/ est 635 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:                       
Fluid lost/recovered today: 495 Oil lost/recovered today:                       
Ending fluid to be recovered: 635 Cum oil recovered:                       
IFL:                      FFL:                      FTP:                      Choke:                      Final Fluid Rate:                      Final oil cut:                     

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sands

7500 gals of pad

5000 gals W/ 1-5 ppg of 20/40 sand

10000 gals W/ 5-8 ppg of 20/40 sand

1902 gals W/ 8 ppg of 20/40 sand

Flush W/ 4788 gals of slick water

Max TP: 2492 Max Rate: 25.3 BPM Total fluid pmpd: 695 bbls

Avg TP: 2187 Avg Rate: 25.1 BPM Total Prop pmpd: 97,727#'s

ISIP: 2400 5 min:                      10 min:                      FG: .92

Completion Supervisor: Orson Barney

### COSTS

Weatherford BOP	\$460
BJ Services	\$36,133
NPC frac wtr	\$1,440
NPC fuel gas	\$250
NC rig #1	\$4,598
NDSI trucking	\$800
B & L - new J55 tbg	\$28,240
Unichem chemicals	\$350
NPC wtr & trucking	\$400
NDSI wtr disposal	\$3,000
NPC location cleanup	\$300
NPC sfc equipment	\$130,000
NPC Supervisor	\$300
DAILY COST:	\$206,271
TOTAL WELL COST:	\$502,547

## NEWFIELD



Attachment A-1

3 of 9

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: August 22, 2006

Day: 03

Operation: Completion

Rig: NC #1

## WELL STATUS

Surf Csg: 8-5/8" @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5910'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 4878' BP/Sand PBTD: 5910'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4922-4946'	4/96			

Date Work Performed: August 21, 2006

SITP: 0 SICP: 0

RU swab equipment. IFL @ 350'. Made 13 swb runs rec 145 BTF W/ light gas, tr oil & no sd. FFL @ 2700'. TIH W/ tbg. Tag sd @ 5908' (2' new fill). C/O sd to PBTD @ 5910'. Circ hole clean. Lost est 65 BW during cleanout. LD excess tbg. ND BOP. Set TA @ 4878' W/ SN @ 4956' & EOT @ 5021'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15.5' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 82-3/4" plain rods, 99-3/4" scraped rods, 1-8, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 555 BWTR.

Place well on production @ 6:00 PM 8/21/2006 W/ 86" SL @ 5 SPM.

FINAL REPORT!!

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 635 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 80 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 555 Cum oil recovered: \_\_\_\_\_  
 IFL: 350' FFL: 2700' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

## TUBING DETAIL

## ROD DETAIL

## COSTS

KB	12.00'	1 1/2" X 22' polished rod	NC #1 rig	\$5,235
154	2 7/8 J-55 tbg (4878.19')	1-8', 1-6' & 1-2' X 3/4" ponies	Weatherford BOP	\$210
	TA (2.80' @ 4890.19' KB)	99-3/4" scraped rods	NPC trucking	\$600
2	2 7/8 J-55 tbg (63.40')	82-3/4" plain rods	R & T labor/welding	\$19,500
	SN (1.10' @ 4956.39' KB)	10-3/4" scraped rods	Mt. West sanitation	\$600
2	2 7/8 J-55 tbg (63.42')	6-1 1/2" weight rods	CDI TA	\$525
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15.5'	CDI SN	\$80
EOT	5021.36' W/ 12' KB	RHAC pump W/ SM plunger	CDI rod pump	\$1,400
			"A" grade rod string	\$12,698
			Zubiate HO trk	\$400
			NPC frac tks(2X5 dys)	\$400
			NPC swb tk (2 dys)	\$80
			NPC frac head	\$500
			NPC supervision	\$300

DAILY COST: \$42,528

TOTAL WELL COST: \$545,075

Completion Supervisor: Gary Dietz



## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: Oct. 13, 2006

Day: 1

Operation: Re-completion

Rig: NC #1

## WELL STATUS

Surf Csg: 8-5/8" @ 305'

Prod Csg: 5-1/2" @ 5960'

Csg PBTD: 5910'

Tbg: Size: 2 7/8" Wt: 6.5#

Grd: J-55 Pkr/ EOT @: 0

CIBP @: 4910'

BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 12, 2006

SITP: 0 SICP: 0

MIRU NC #1. RU HO trk & pump 65 BW dn casing @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 35 BW @ 250°F. Reseat pump, soft joint rod string & strip off flow T. Fill tbg W/ 3 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rods-LD pump. ND wellhead & release TA @ 4890'. Strip off 3M production tbg head & strip on 5M frac head. NU Cameron BOP. TOH W/ production tbg-LD BHA. RU perforators LLC & run 5 1/2" CIBP. Set plug @ 4910'. RU HO trk to casing. Fill hole W/ 72 BW. Pressure test casing, frac head, casing valves & blind rams to 4500 psi. RIH W/ 4" ported gun. Perf stage #1 as follows: B2 sds @ 4808-18' W/ 4 JSPF. RD WLT. SIFN W/ est 175 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0

Starting oil rec to date:

Fluid lost/recovered today: 175

Oil lost/recovered today:

Ending fluid to be recovered: 175

Cum oil recovered:

IFL: FFL: FTP:

Choke:

Final Fluid Rate: Final oil cut:

## TUBING DETAIL

## AS PULLED:

KB	12.00'
154	2 7/8 J-55 tbg (4878.19')
	TA (2.80' @ 4890.19' KB)
2	2 7/8 J-55 tbg (63.40')
	SN (1.10' @ 4956.39' KB)
2	2 7/8 J-55 tbg (63.42')
	2 7/8 NC (.45')
EOT	5021.36' W/ 12' KB

## ROD DETAIL

## AS PULLED:

1 1/2" X 22' polished rod
1-8', 1-6' & 1-2' X 3/4" ponies
99-3/4" scraped rods
82-3/4" plain rods
10-3/4" scraped rods
6-1 1/2" weight rods
CDI 2 1/2" X 1 1/2" X 15.5'
RHAC pump W/ SM plunger

## COSTS

NC #1 rig	\$4,265
Weatherford BOP	\$210
CML trucking	\$1,200
NDSI wtr & truck	\$400
Unichem chemicals	\$300
D & M HO trk	\$1,190
CDI pump repair	\$950
CDI TA repair	\$350
Zubiate trucking	\$1,000
Perforators LLC	\$3,870
NPC supervision	\$300

Completion Supervisor: Gary Dietz

DAILY COST: \$14,035

TOTAL WELL COST: \$14,035



# NEWFIELD



Atachment 9-1

5 of 9

## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: Oct. 14, 2006

Day: 2a

Operation: Re-completion

Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8' @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5910'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/ EOT @: 0 CIBP @: 4910'

BP/Sand PBTD: \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 13, 2006

SITP: \_\_\_\_\_ SICP: 5 psi

Day 2a.

RU BJ Services. 5 psi on well. Frac B2 sds w/ 34,168#'s of 20/40 sand in 377 bbls of Lightning 17 fluid. Broke @ 2984 psi Treated w/ ave pressure of 2145 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1975 psi. Leave pressure on well. 552 BWTR. See Day 2b.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 175 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 377 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 552 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: B2 sands

### COSTS

NC #1 rig	\$1,500
Weatherford BOP	\$210
BJ Services-B2	\$23,067
NPC frac wtr	\$576
NPC fuel gas	\$100
Weatherford tools/serv	\$950
NPC Supervisor	\$100

3300 gals of pad  
2431 gals W/ 1-4 ppg of 20/40 sand  
4890 gals W/ 4-6.5 ppg of 20/40 sand  
362 gals W/ 6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4347 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2430 Max Rate: 25.1 BPM Total fluid pmpd: 377 bbls  
Avg TP: 2145 Avg Rate: 24.9 BPM Total Prop pmpd: 34,168#'s  
ISIP: 1975 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .84

Completion Supervisor: Orson Barney

DAILY COST: \$26,503

TOTAL WELL COST: \$40,538

# NEWFIELD



Altitude 9-1

6 of 9

## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: Oct. 14, 2006

Day: 2b

Operation: Re-completion

Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8' @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5910'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/ EOT @: 0 CIBP @: 4910'  
BP/Sand PBTD: 4790'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4658-4669'	4/44			
C sds	4692-4703'	4/44			
B.5 sds	4742-4749'	4/28			
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 13, 2006

SITP:            SICP: 1530 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 7', 11' & 11' perf gun. Set plug @ 4790'. Perforate B.5 sds @ 4742- 49', C sds @ 4692- 4703', D3 sds @ 4658- 69' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90") w/ 4 SPF for total of 116 shots (2 runs). RU BJ Services. 1530 psi on well. Frac B.5, C & D3 sds w/ 139,240#'s of 20/40 sand in 943 bbls of Lightning 17 fluid. Broke @ 3032 psi. Treated w/ ave pressure of 1955 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1910 psi. Leave pressure on well. 1495 BWTR. See Day 2c.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 552 Starting oil rec to date:             
Fluid lost/recovered today: 943 Oil lost/recovered today:             
Ending fluid to be recovered: 1495 Cum oil recovered:             
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: B.5, C & D3 sands

10700 gals of pad

7000 gals W/ 1-5 ppg of 20/40 sand

14000 gals W/ 5-8 ppg of 20/40 sand

3252 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4150 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2450 Max Rate: 25.2 BPM Total fluid pmpd: 943 bbls

Avg TP: 1955 Avg Rate: 24.9 BPM Total Prop pmpd: 139,240#'s

ISIP: 1910 5 min:            10 min:            FG: .84

Completion Supervisor: Orson Barney

### COSTS

NC #1 rig \$1,500  
Lone Wolf WL \$6,892  
BJ Services-B.5,C,D3 \$36,670  
NPC frac wtr \$2,232  
NPC fuel gas \$388  
Weatherford tools/serv \$2,450  
NPC Supervisor \$100

DAILY COST: \$50,232

TOTAL WELL COST: \$90,770

# NEWFIELD



Attachment G-1

7 of 9

## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15 Report Date: Oct. 14, 2006 Day: 2c  
Operation: Re-completion Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8' @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5910'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/ EOT @: 0 CIBP @: 4910'  
BP/Sand PBTD: 4590', 4790'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4530-4540'	4/40			
D3 sds	4658-4669'	4/44			
C sds	4692-4703'	4/44			
B.5 sds	4742-4749'	4/28			
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 13, 2006 SITP:  SICP: 1365 psi

Day 2c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 4590'. Perforate D2 sds @ 4530- 40' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 40. RU BJ Services. 1365 psi on well. Frac D2 sds w/ 47,296#'s of 20/40 sand in 431 bbls of Lightning 17 fluid. Broke @ 3834 psi. Treated w/ ave pressure of 2275 psi @ ave rate of 24.4 BPM. ISIP 2170 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 hrs & died. Rec. 165 BTF. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. PU & RIH w/ 4 3/4" bit, Bit sub & 102 jts of tbg. Gain 20 BW on TIH. EOT @ 3237'. Circulate well clean. SIWFN w/ 1741 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1495 Starting oil rec to date:   
Fluid lost/recovered today: 246 Oil lost/recovered today:   
Ending fluid to be recovered: 1741 Cum oil recovered:   
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: D2 sands

3800 gals of pad  
2625 gals W/ 1-5 ppg of 20/40 sand  
5250 gals W/ 5-8 ppg of 20/40 sand  
2017 gals W/ 8 ppg of 20/40 sand  
Flush W/ 4410 gals of slick water

### COSTS

NC #1 rig	\$1,598
Lone Wolf WL	\$2,377
BJ Services-D2	\$12,823
NPC frac wtr	\$792
NPC fuel gas	\$138
Weatherford tools/serv	\$2,450
NPC Supervisor	\$100

Max TP: 2650 Max Rate: 25.4 BPM Total fluid pmpd: 431 bbls  
Avg TP: 2275 Avg Rate: 24.4 BPM Total Prop pmpd: 47,296#'s  
ISIP: 2170 5 min:  10 min:  FG: .91

Completion Supervisor: Orson Barney

DAILY COST: \$20,278  
TOTAL WELL COST: \$111,048

# NEWFIELD



AHamm 9-1

8 of 9

## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: Oct. 17, 2006

Day: 03

Operation: Re-completion

Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8" @ 305'

Prod Csg: 5-1/2" @ 5960'

Csg PBTD: 5910'

Tbg: Size: 2 7/8" Wt: 6.5#

Grd: J-55 Pkr/EOT @: 4790'

CIBP @: 4910'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4530-4540'	4/40			
D3 sds	4658-4669'	4/44			
C sds	4692-4703'	4/44			
B.5 sds	4742-4749'	4/28			
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 16, 2006

SITP: 0 SICP: 0

Con't TIH W/ bit & tbg f/ 3237'. Tag fill @ 4569'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4569', plug @ 4590' in 15 minutes (had to X-out swivels due to hydraulic problems); no sd, plug @ 4790' in 22 minutes. Con't swivelling jts in hole. Tag fill @ 4847'. Drill plug remains & sd to CIBP @ 4910'. Circ hole clean. Lost est 110 BW during cleanout. RD swivel. Pull EOT to 4790'. RU swab equipment. IFL @ sfc. Made 11 swb runs rec 129 BTF W/ light gas, tr oil & tr sd on early runs. FFL @ 1400'. SIFN W/ est 1722 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1741

Starting oil rec to date:

Fluid lost/recovered today: 19

Oil lost/recovered today:

Ending fluid to be recovered: 1722

Cum oil recovered:

IFL: sfc FFL: 1400' FTP:

Choke:

Final Fluid Rate:

Final oil cut: tr

### STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

### COSTS

NC #1 rig	\$5,545
Weatherford BOP	\$210
NPC trucking	\$300
NDSI trucking	\$500
Weatherford swivel	\$850
H & H trucking	\$500
NPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$8,205

TOTAL WELL COST: \$119,253

# NEWFIELD



Attachment 9-1

9 of 9

## DAILY WORKOVER REPORT

WELL NAME: Ashley Federal 9-27-9-15

Report Date: Oct. 18, 2006

Day: 04

Operation: Re-completion

Rig: NC #1

### WELL STATUS

Surf Csg: 8-5/8" @ 305' Prod Csg: 5-1/2" @ 5960' Csg PBTD: 5910'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 4637' CIBP @: 4910'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4530-4540'	4/40			
D3 sds	4658-4669'	4/44			
C sds	4692-4703'	4/44			
B.5 sds	4742-4749'	4/28			
B2 sds	4808-4818'	4/40			
A1 sds	4922-4946'	4/96			

Date Work Performed: Oct. 17, 2006

SITP: 75 SICP: 75

Bleed gas off well. TIH W/ bit & tbg. Tag fill @ 4907' (3' new fill). C/O sd to CIBP @ 4910'. Circ hole clean. Lost est 50 BW & rec tr oil. LD excess tbg. TOH W/ tbg-LD bit. TIH W/ revised BHA & production tbg as follows: 2 7/8 bullplug & collar, 2 jts tbg, 2 7/8 nipple, "Collar sized" gas anchor, 1 jt tbg, SN, 3 jts tbg, repaired CDI 5 1/2" TA (45K) & 146 jts 2 7/8 8rd 6.5# J-55 tbg. LD extra tbg. ND BOP. Set TA @ 4637' W/ SN @ 4735' & EOT @ 4838'. Land tbg W/ 15,000# tension. NU wellhead. TIH W/ pump and revised rod string as follows: repaired CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 74-3/4" plain rods, 98-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Layed down extra 3/4" plain rods. Seat pump & RU pumping unit. Fill tbg W/ 3 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1775 BWTR.  
Returned well to production @ 6:30 PM 10/17, 2006 W/ 86" SL @ 5 SPM.

Final

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1722 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 53 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 1775 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

### TUBING DETAIL

### ROD DETAIL

### COSTS

TUBING DETAIL		ROD DETAIL		COSTS	
KB	12.00'			NC #1 rig	\$4,674
146	2 7/8 J-55 tbg (4625.28')	1 1/2" X 22' polished rod		Weatherford BOP	\$210
	TA (2.80' @ 4637.28' KB)	1-8', 1-6' & 2' X 3/4" ponies		NPC BP/cplg/nipple	\$200
3	2 7/8 J-55 tbg (95.04')	98-3/4" scraped rods		Central machine PBGA	\$550
	SN (1.10' @ 4735.12' KB)	74-3/4" plain rods		Zubiate HO trk	\$450
1	2 7/8 J-55 tbg (31.68')	10-3/4" scraped rods		NDSI wtr disposal	\$1,500
	Gas anchor (5.20')	6-1 1/2" weight rods		NPC frac tks(5X5 dys)	\$1,000
	2 7/8 nipple (.33')	CDI 2 1/2" X 1 1/2" X 15'		NPC swb tk (4 dys)	\$160
2	2 7/8 J-55 tbg (63.36')	RHAC pump W/ SM plunger		NPC frac head	\$500
	2 7/8 bullplug/collar (.78')			NPC supervision	\$300
EOT	4837.57' W/ 12' KB				

DAILY COST: \$9,544

TOTAL WELL COST: \$128,797

Workover Supervisor: Gary Dietz

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4435'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 41 sx Class "G" cement down 5-1/2" casing to 355'.

The approximate cost to plug and abandon this well is \$35,401.



Attachment H-1

## Ashley Federal 9-27-9-15

Spud Date: 06/24/06  
Put on Production: 08/21/06  
K.B.: 6586, G.L.: 6574

Initial Production: BOPD,  
MCFD, BWPD

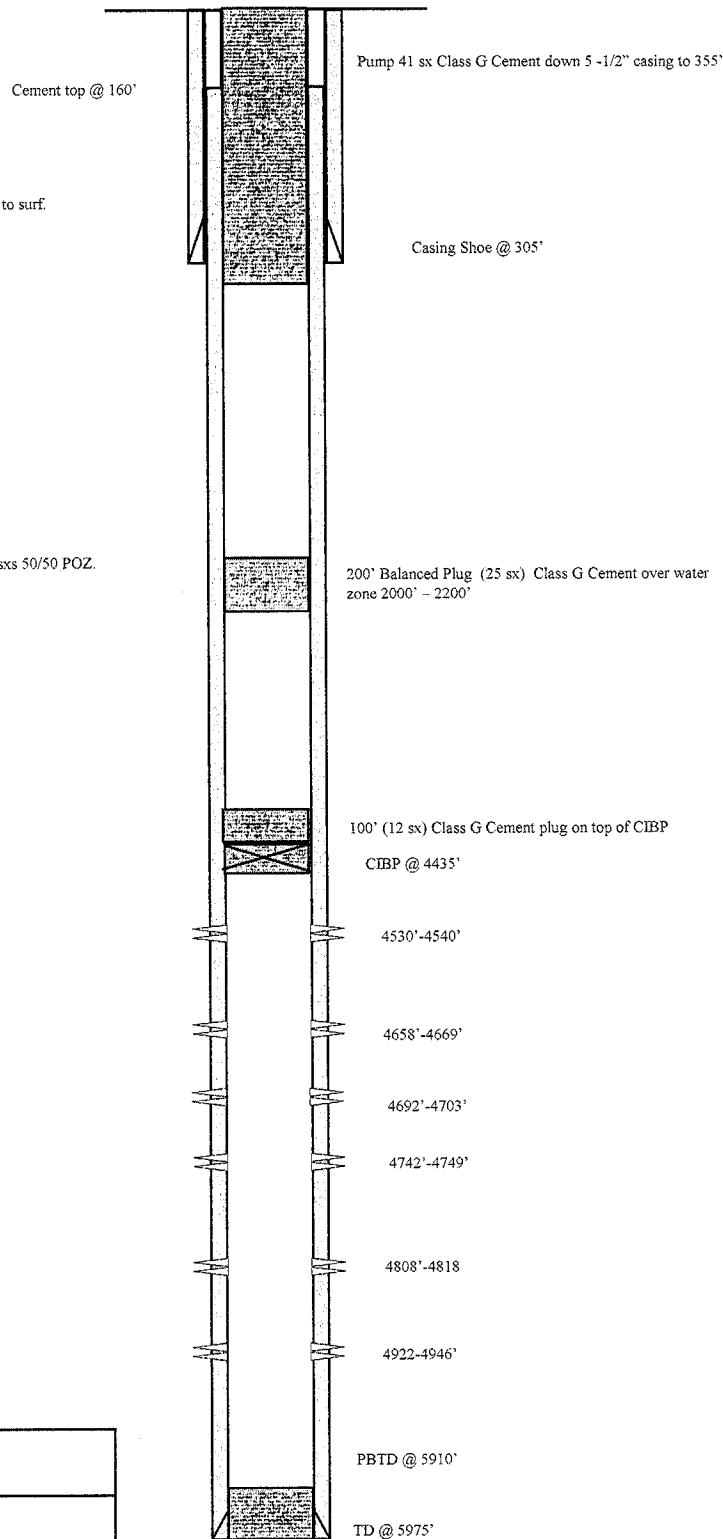
### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.02')  
DEPTH LANDED: 304.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5947.25')  
DEPTH LANDED: 5960.50' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 160'

### Proposed P & A Wellbore Diagram



**NEWFIELD**

**Ashley Federal 9-27-9-15**

2011' FSL & 463' FEL

NE/SE Section 27-T9S-R15E

Duchesne Co, Utah

API #43-013-32875; Lease #UTU-66185

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-66185

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 9-27-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332875

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2011 FSL 463 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 27, T9S, R15E

STATE: UT

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 12/13/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:30 AM on 12-13-2010.

**RECEIVED**

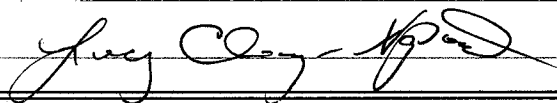
**DEC 1 8 2010**

**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 12/14/2010

(This space for State use only)



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

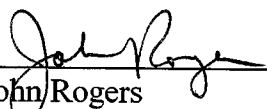
Cause No. UIC-343

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 9-27-9-15  
**Location:** Section 27, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32875  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 31, 2008.
2. Maximum Allowable Injection Pressure: 1,879 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,856' – 5,854')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

11 / 22 / 2010  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





November 8, 2010


Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Injection Conversion  
Ashley Federal 9-27-9-15  
API # 43-013-32875

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,



Lucy Chavez-Naupoto  
Administrative Assistant

RECEIVED

NOV 16 2010

DIV. OF OIL, GAS & MINING

Rt 3 Box 3630 10530 South Country Road #33 Myton, UT 84052 (435) 646-3721 Fax (435) 646-3031

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2011 FSL 463 FEL		8. WELL NAME and NUMBER: ASHLEY FEDERAL 9-27-9-15
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE, 27, T9S, R15E		9. API NUMBER: 4301332875
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

**II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/04/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/21/2010.

On 11/03/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/03/2010. On 11/04/2010 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-32875

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 11/08/2010

(This space for State use only)

RECEIVED

NOV 16 2010

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2011 FSL 463 FEL

SESE Section 27 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ASHLEY FEDERAL 9-27-9-15

9. API Well No.

4301332875

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 10/21/2010.

On 11/03/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/03/2010. On 11/04/2010 the casing was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-32875

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naunoto

Signature

Title

Administrative Assistant

Date

11/08/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

NOV 16 2010



# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Dennis Ingram Date 11/04/10 Time 11:00 am pm  
Test Conducted by: Dale Giles  
Others Present: \_\_\_\_\_

Well: <u>Ashley Federal 9-27-9-15</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/SE Sec. 27 T9S R15E</u>	API No: <u>43-013-32875</u>
<u>Duchesne County ut.</u>	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1175</u>	psig
5	<u>1175</u>	psig
10	<u>1175</u>	psig
15	<u>1175</u>	psig
20	<u>1175</u>	psig
25	<u>1175</u>	psig
30 min	<u>1175</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram  
Signature of Person Conducting Test: Dale Giles

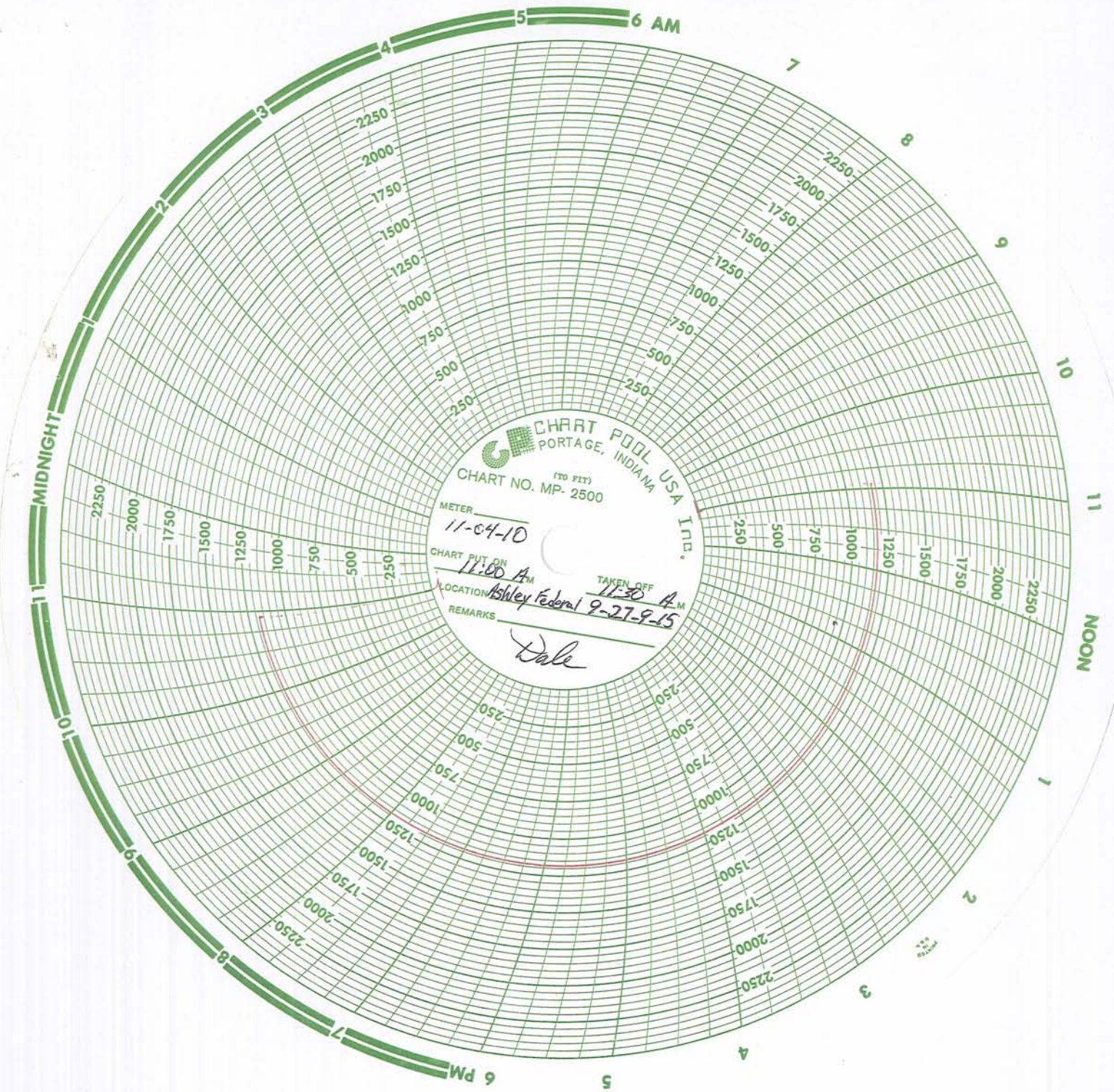


CHART POOL USA INC.  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500

METER

11-04-10

CHART PUT ON

11:20 A.M.

TAKEN OFF

11:30 A.M.

LOCATION

Ashley Federal 9-27-9-15

REMARKS

Dale

**Daily Activity Report****Format For Sundry****ASHLEY 9-27-9-15****8/1/2010 To 12/30/2010****10/19/2010 Day: 1****Conversion**

WWS #7 on 10/19/2010 - Begin stripping well out. - MIRU Western rig #7. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit. Work to unseat rod pump W/ no success. Pump add'l 70 BW dn annulus @ 250°F. Con't to work rod string. No travel--plunger stuck. Back-off rods. LD 118 rods. RU swab equipment & swab FL dn to 3000'. ND wellhead & release TA @ 4637'. NU BOP. TOH W/ tbg. Break even connections, clean & inspect pins and apply Liquid O-ring to pins. Hit rods W/ 92 jts out. Back off rods. LD add'l 17 slick rods. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$2,868

---

**10/20/2010 Day: 2****Conversion**

WWS #7 on 10/20/2010 - Finished stripping well. MU & RIH W/ mill & bailer assembly. C/O sd & begin milling out CIBP. - RU HO trk & pump 50 BW dn annulus @ 180°F. Con't stripping rods & tbg out of well. Btm weight bar and pump were sanded in tbg, btm tail jt full of sand. Steam off floor & equipment. MU Four Star 4 3/4" mill and RIH W/ bailer assembly & tbg. Tag fill @ 4889'. RU power swivel. C/O fill to CIBP @ 4910'. Mill & bail 18" but has not fell through yet. Pumped 40 BW dn annulus while bailing. Hang back swivel. Pull EOT to 4433' & SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$13,651

---

**10/21/2010 Day: 3****Conversion**

WWS #7 on 10/21/2010 - Finished milling CIBP. TOH W/ bailer assembly. - TIH W/ mill, bailer & tbg f/ 4433' to CIBP @ 4910'. PU power swivel. Con't milling on CIBP. Pumped 60 BW dn annulus while bailing/milling. Fell through @ 2:30 PM! Swivel in hole 3 add'l jts W/ no problems. RD swivel. RU HO trk & flush tbg W/ 30 BW @ 250°F. LD work string. TOH W/ tbg. Broke odd connections, clean & inspect pins and apply Liquid O-ring to pins. LD bailer assembly, excesss tbg and mill. Flushed wax from tbg ID W/ add'l 30 BW during trip out. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$21,312

---

**10/22/2010 Day: 4****Conversion**

WWS #7 on 10/22/2010 - TIH W/ packer & test injection string. Set & test packer. RDMOSU. - Perform MIT. Run Vaughn Energy Services gyro survey. - MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 140 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4450', CE @ 4455' & EOT @ 4459'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

**Daily Cost:** \$0

**Cumulative Cost:** \$29,711

---

**11/5/2010 Day: 5****Conversion**

Rigless on 11/5/2010 - Conversion MIT - On 11/3/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 9-27-9-15). Permission was given at that time to perform the test on 11/3/2010. On 11/4/2010 the csg was pressured up to 1175 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 250 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-32875

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$61,531

---

**Pertinent Files: Go to File List**





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 31, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 9-27-9-15, Section 27, Township 9 South, Range 15 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton  
Duchesne County  
Well File



**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 9-27-9-15

**Location:** 27/9S/15E      **API:** 43-013-32875

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 304 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,961 feet. A cement bond log demonstrates adequate bond in this well up to 2,988 feet. A 2 7/8 inch tubing with a packer will be set at 4,495 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 1 shut-in well in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 2,874 feet. Injection shall be the interval between 3,856 feet and 5,854 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 9-27-9-15 well is .84 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,879 psig. The requested maximum pressure is 1,879 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



**Ashley Federal 9-27-9-15**  
**page 2**

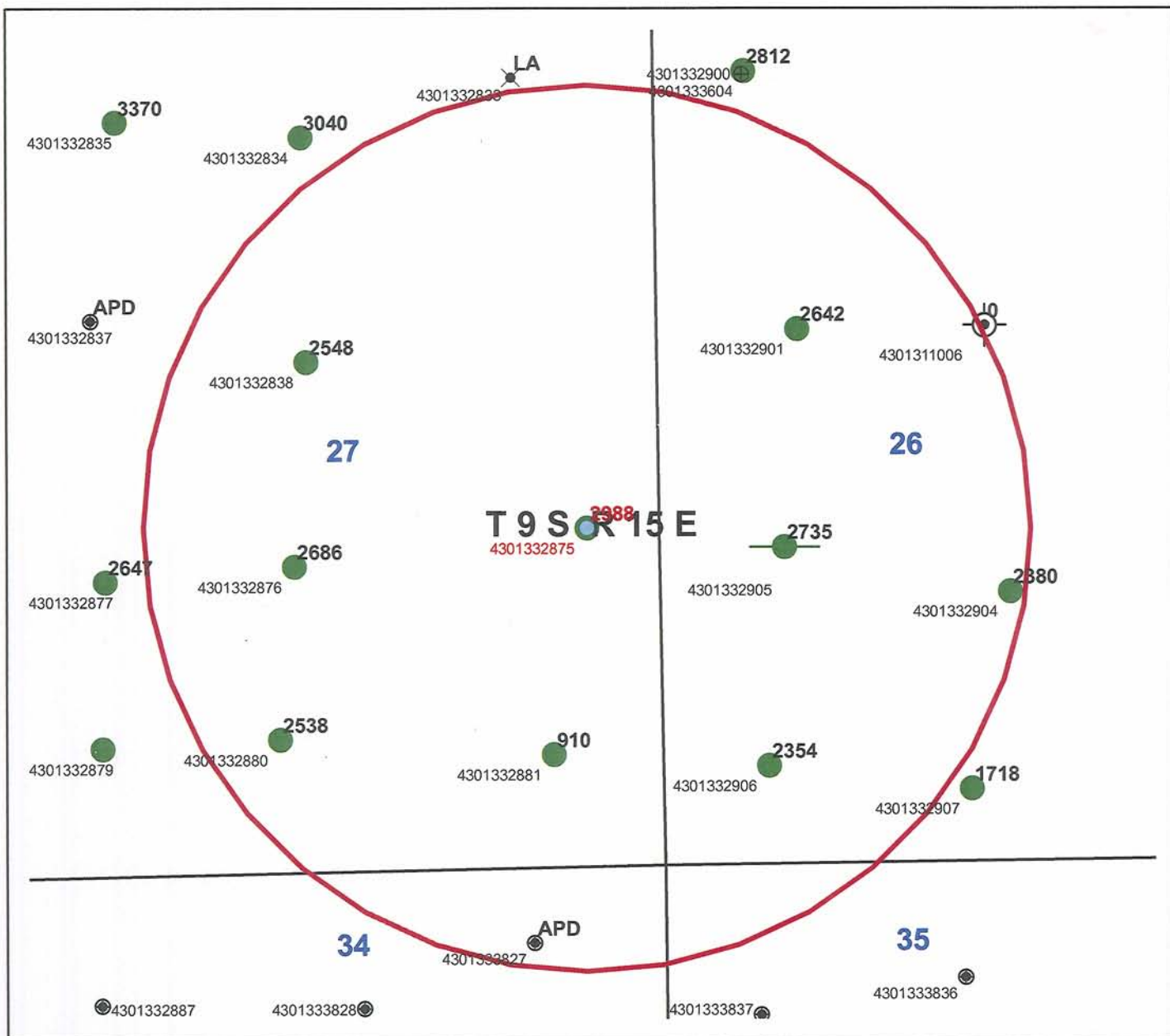
**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 02/20/2008



## Ashley Federal 9-27-9-15

### Legend

wells point

WELLTYPE

- |   |     |
|---|-----|
| ● | POW |
| ⊗ | SGW |
| ⚡ | GIW |
| ⚡ | SOW |
| ⚡ | TA  |
| ⚡ | TW  |
| ⚡ | WDW |
| ⚡ | WIW |
| ⚡ | WSW |
| ⚡ | LA  |
| ⚡ | LOC |
| ⚡ | PA  |
| ⚡ | PGW |



0 0.4 Miles

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC 343

IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-25-9-15 WELL LOCATED IN SECTION 25, ASHLEY FEDERAL 13-26-9-15, ASHLEY FEDERAL 15-26-9-15, WELLS LOCATED IN SECTION 26, ASHLEY FEDERAL 3-27-9-15, ASHLEY FEDERAL 5-27-9-15, ASHLEY FEDERAL 7-27-9-15, ASHLEY FEDERAL 9-27-9-15, ASHLEY FEDERAL 11-27-9-15, ASHLEY FEDERAL 13-27-9-15, ASHLEY FEDERAL 15-27-9-15 WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Exploration Company for administrative approval of the Ashley Federal 13-25-9-15 well, located in SW/4 SW/4 Section 25, Ashley Federal 13-26-9-15, located in SW/4 SW/4 Section 26, Ashley Federal 15-26-9-15, located in SW/4 SE/4 Section 26, Ashley Federal 3-27-9-15, located in NE/4 NW/4 Section 27, Ashley Federal 5-27-9-15, SW/4 NW/4 locate in Section 27, Ashley Federal 7-27-9-15 located in SW/4 NE/4 Section 27, Ashley Federal 9-27-9-15 located in NE/4 SE/4 Section 27, Ashley Federal 11-27-9-15 located in NE/4 SW/4 Section 27, Ashley Federal 13-27-9-15, located in SW/4 SW/4 Section 27, Ashley Federal 15-27-9-15, located in SW/4 SE/4 Section 27, wells, Township 9 South, Range 15 East, S.L.M., Duchesne County, Utah, for conversion to Class II Injection wells. These wells are located in the Ashley Units respectively. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2008.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Gil Hunt  
Associate Director

242405

UPAXLP

# AFFIDAVIT OF PUBLICATION

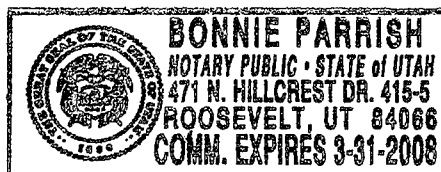
County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of February, 20 08, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of February, 20 08.

  
Publisher

Subscribed and sworn to before me this  
27 day of February, 20 08

  
Notary Public



COPY

## NOTICE OF AGENCY ACTION CAUSE NO. UIC 343

IN THE MATTER OF  
THE APPLICATION OF  
NEWFIELD EXPLORA-  
TION COMPANY FOR  
ADMINISTRATIVE  
APPROVAL OF THE  
ASHLEY FEDERAL  
13-25-9-15 WELL LO-  
CATED IN SECTION  
25, ASHLEY FEDERAL  
13-26-9-15, ASHLEY  
FEDERAL 15-26-9-15  
WELLS LOCATED IN  
SECTION 26, ASHLEY  
FEDERAL 3-27-9-15,  
ASHLEY FEDERAL  
5-27-9-15, ASHLEY  
FEDERAL 7-27-9-15,  
ASHLEY FEDERAL  
9-27-9-15, ASHLEY  
FEDERAL 11-27-9-15,  
ASHLEY FEDERAL  
13-27-9-15, ASHLEY  
FEDERAL 15-27-9-15  
WELLS LOCATED IN  
SECTION 27, TOWN-  
SHIP 9 SOUTH, RANGE  
15 EAST, DUCHESNE  
COUNTY, UTAH, AS  
CLASS II INJECTION  
WELLS

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given  
that the Division of Oil,  
Gas and Mining (the "Di-  
vision") is commencing  
an informal adjudicative  
proceeding to consider the  
application of Newfield  
Exploration Company for  
administrative approval  
of the Ashley Federal  
13-25-9-15 well, located  
in SW/4 SW/4 Section 25,  
Ashley Federal 13-26-9-  
15, located in SW/4 SW/4  
Section 26, Ashley Fed-  
eral 15-26-9-15, located  
in SW/4 SE/4 Section  
26, Ashley Federal 3-  
27-9-15, located in NE/4  
NW/4 Section 27, Ashley  
Federal 5-27-9-15, SW/4  
NW/4 locate in Section  
27, Ashley Federal 7-27-  
9-15, located in SW/4

will be held at this time. If more help  
you need, please contact the  
the deer.  
are helping the  
us sportsman groups.  
VR has been in contact  
er in these areas.  
The DVR has started  
organ and Summit  
ugh so far is in Cache.  
ditions have gotten  
ply places in the state  
m.  
re prepared and ready  
uns get severe enough

Exploration Company.  
Any person desiring  
to object to the proposed  
application or otherwise  
intervene in the proceed-  
ing, must file a written  
protest or notice of in-  
tervention with the Divi-  
sion within fifteen days  
following publication of  
this notice. The Division's  
Presiding Officer for this  
proceeding is Gil Hunt,  
Associate Director at PO  
Box 145801, Salt Lake  
City, Utah 84114-5801,  
phone number (801) 538-  
5340. If such a protest or  
notice of intervention is  
received, a hearing will be  
scheduled in accordance  
with the aforementioned  
administrative procedural  
rules. Protestants and/or  
interveners should be  
prepared to demonstrate  
at the hearing how this  
matter affects their inter-  
ests.

Dated this 21st day of  
February, 2008.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt  
Associate Director  
Published in the Uintah  
Basin Standard February  
26, 2008.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 9-27-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2011 FSL 0463 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 27 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013328750000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: 5 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 09/28/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 10/01/2015 the casing was pressured up to 1191 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1644 psig during the test. There was a State representative available to witness the test - Mark Jones.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> October 06, 2015		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/5/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Mark Jones Date 10/01/15 Time 10:04 am pmTest Conducted by: Michael JensenOthers Present: Jeremy PriceWell: Ashley Federal 9-27-9-15 Field: Monument ButteWell Location: NE/SE Sec. 27, T4S, R15E API No: 43-013-32875

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1206.4</u>	psig
5	<u>1203.8</u>	psig
10	<u>1201.4</u>	psig
15	<u>1199.6</u>	psig
20	<u>1198.0</u>	psig
25	<u>1196.6</u>	psig
30 min	<u>1195.4</u>	psig
35	<u>1194.8</u>	psig
40	<u>1193.8</u>	psig
45	<u>1193.4</u>	psig
50	<u>1192.8</u>	psig
55	<u>1192.0</u>	psig
60 min	<u>1191.2</u>	psig

AIR

PASS

Tubing pressure: 1644 psigResult: Pass Fail

Signature of Witness:

Mark J Jones

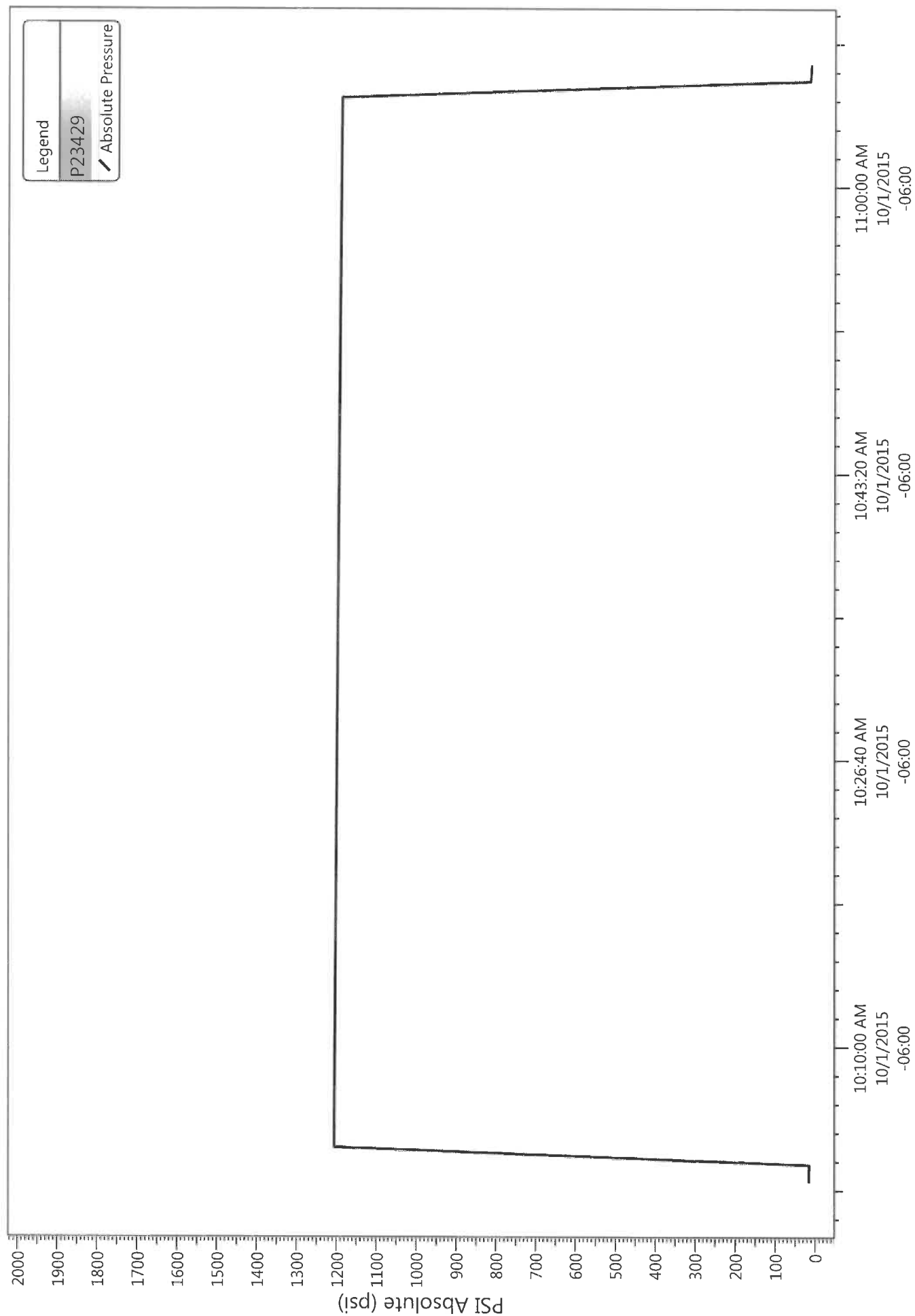
Signature of Person Conducting Test:

Michael Jensen



Ashley Federal 9-27-9-15 5 Year MIT (10-01-15)

10/1/2015 10:01:55 AM



## NEWFIELD

## Schematic

Well Name: Ashley 9-27-9-15

43-013-32875

Surface Legal Location 27-9S-15E	API/UWI 43013328750000	Well RC 500159130	Lease	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date	Rig Release Date 8/21/2006	On Production Date 6,586	Ground Elevation (ft) 6,574	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,914.9	

## Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 10/1/2015	Job End Date 10/1/2015
-------------------------	------------------	---------------------------	-----------------------------	---------------------------

TD: 5,975.0

Vertical - Original Hole, 12/7/2015 10:05:08 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°) ... 0.0 — 0.6	
12.1	12.1	0.0		
160.1	160.1	0.3		
304.1	304.1	0.2		
304.8	304.8	0.2		
321.9	321.8	0.2		
4,450.1	4,449.2	2.1		
4,451.1	4,450.1	2.1		
4,458.3	4,457.4	2.1		
4,458.7	4,457.7	2.1		
4,529.9	4,528.8	2.2		
4,540.0	4,539.0	2.1		
4,658.1	4,657.0	2.1		
4,669.0	4,667.8	2.1		
4,691.9	4,690.8	2.1		
4,703.1	4,701.9	2.1		
4,742.1	4,741.0	2.2		
4,749.0	4,747.8	2.2		
4,808.1	4,806.8	2.3		
4,817.9	4,816.7	2.3		
4,921.9	4,920.6	2.5		
4,945.9	4,944.5	2.5		
5,915.0	5,912.9	2.2		
5,915.4	5,913.3	2.2		
5,960.0	5,957.8	2.2		
5,960.6	5,958.5	2.2		
5,975.1	5,972.9	2.2		

1; Surface; 8 5/8 in; 8.097 in; 12-305 ftKB; 292.87 ft

3-1; Tubing; 2 7/8; 2.441; 12-4,450; 4,438.10

3-2; Pump Seating Nipple; 2 7/8; 2.441; 4,450-4,451; 1.10

3-3; Packer; 4.95; 2.441; 4,451-4,458; 7.00

3-4; Wireline Guide; 2 7/8; 2.441; 4,458-4,459; 0.40

Perforated; 4,530-4,540; 10/13/2006

Perforated; 4,658-4,669; 10/13/2006

Perforated; 4,692-4,703; 10/13/2006

Perforated; 4,742-4,749; 10/13/2006

Perforated; 4,808-4,818; 10/12/2006

Perforated; 4,922-4,946; 8/10/2006

2; Production; 5 1/2 in; 4.950 in; 12-5,960 ftKB; 5,948.50 ft

# NEWFIELD



## Newfield Wellbore Diagram Data Ashley 9-27-9-15

Surface Legal Location 27-9S-15E		API/UWI 43013328750000		Lease	
County Duchesne	State/Province Utah	Basin		Field Name GMBU CTB3	
Well Start Date 6/24/2006		Spud Date		Final Rig Release Date 8/21/2006	
Original KB Elevation (ft) 6,586	Ground Elevation (ft) 6,574	Total Depth (ftKB) 5,975.0		Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,914.9	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/24/2006	8 5/8	8.097	24.00	J-55	305
Production	8/2/2006	5 1/2	4.950	15.50	J-55	5,961

### Cement

#### String: Surface, 305ftKB 6/26/2006

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 322.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 5,961ftKB 8/2/2006

Cementing Company BJ Services Company	Top Depth (ftKB) 160.0	Bottom Depth (ftKB) 5,975.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	Fluid Type Lead	Amount (sacks) 300	Class Premium Plus	Estimated Top (ftKB) 160.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	Fluid Type Tail	Amount (sacks) 450	Class 50/50 POZ	Estimated Top (ftKB) 2,975.0

### Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					10/21/2010		4,458.6	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	140	2 7/8	2.441	6.50	J-55	4,438.10	12.0	4,450.1
Pump Seating Nipple	1	2 7/8	2.441			1.10	4,450.1	4,451.2
Packer	1	4.95	2.441			7.00	4,451.2	4,458.2
Wireline Guide	1	2 7/8	2.441			0.40	4,458.2	4,458.6

### Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
4	D1, Original Hole	4,530	4,540	4	90		10/13/2006
3	B.5/C/D3, Original Hole	4,658	4,669	4	90		10/13/2006
3	B.5/C/D3, Original Hole	4,692	4,703	4	90		10/13/2006
3	B.5/C/D3, Original Hole	4,742	4,749	4	90		10/13/2006
2	B2, Original Hole	4,808	4,818	4	90		10/12/2006
1	A1, Original Hole	4,922	4,946	4			8/10/2006

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,400	0.92	25.3	2,492			
2	1,975	0.84	25.1	2,430			
3	1,910	0.84	25.2	2,450			
4	2,170	0.91	25.4	2,650			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 97727 lb
2		Proppant Bulk Sand 34168 lb
3		Proppant Bulk Sand 139240 lb
4		Proppant Bulk Sand 47296 lb